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Kendall & Whitney's

ILLUSTRATED and DESCRIPTIVE

CATALOGUE

**of Garden, Field
and Flower**

SEEDS

..FOR..
....

1906

Seed Merchants, Growers & Importers,

AND DEALERS IN

**Agricultural and Horticultural Implements, Fer-
tilizers, Poultry and Dairy Supplies, Wooden
Ware, Fibre and Galvanized Iron Ware,
Brooms, Brushes, Cordage, Etc.**

KENDALL & WHITNEY,

Federal & Temple Sts., PORTLAND, ME.

A FEW BRIEF HINTS...

ON THE SOWING AND CULTIVATION OF

FLOWER SEEDS.



The Soil and its Preparation.



THE best soil for annuals and for most flowering plants, whether biennials or perennials, is a light rich loam. In such they grow readily and attain to great perfection of bloom with but little care. By the application of proper manures, sand or clay, they can be brought to such a condition as to answer all the purposes of a flower garden. Deep and thorough trenching in the autumn, if possible, and the application of very old decayed manure or leaf mold, will give the amateur a well prepared and suitable soil

Where the soil is too light, a thin layer of clay, if to be had, should be spread over the surface in the autumn, and dug in—after being pulverized by the winter frosts—in the spring. This, with the use of old manure,—that which has lain a year or more, and being frequently turned over till it becomes thoroughly decayed—will keep the garden in good condition. No unvarying rules can be given; much must be left to the judgment of the amateur. He must understand that the soil of a good garden should be deep, well pulverized, friable and rich.

Where the flower garden is a specialty, then more pains ought to be taken, and those who are about to do this, if they have not the requisite information, will consult something more than a catalogue. Our hints are intended for the mass of the people who love flowers, and do not wish to incur great expense in the gratification of their taste.

Period for Sowing.

This must depend much upon the season as well as the locality. As a general rule, the proper time to commence sowing is about the middle of April, though a few sorts may be planted as soon as the ground can be got ready; and for a succession the sowing should be continued until June. In the Southern States, of course, January, February or March will be the time to sow, as they correspond with April, May and June at the North. To avoid all danger of injury, the sowing may be deferred till the last of April, but when a little labor is of no consideration the sowing may be made earlier, and, in case of failure or injury from frost or wet, another sowing may be made when the weather is more favorable. Because we recommend April, it is not to be understood the sowing must be made at that time. If sown in any part of May, they will flower later, but abundantly throughout the latter part of the summer.

It is the great error to cover too deeply, and the cause of more than half of the complaints against seedmen of selling old and worthless seeds come from inexperience and want of judgment in sowing. No rule can be given in this respect, but, as a general guide, all large seeds may be sown half an inch deep; smaller, less, and for the smallest, a covering of one-sixteenth of an inch will suf-

fine. If sown too deeply they are longer in germinating, and are liable to decay. Avoid the general error of sowing the seeds too thickly, as it causes an elongated and feeble growth, which no subsequent thinning will entirely remedy.

As soon as the seedlings have made three or four leaves, and are an inch high, they should be thinned out. If they are kinds which will bear removal, they may be replanted in vacant spaces in the border. Tall growing plants, with spreading branches, will require more room than slender growing dwarf kinds. Stir the soil around the plants from time to time, and, if they appear crowded, a second thinning will be of great benefit to those that remain. If the growth is not strong from the nature of the soil, apply occasionally a very small amount of guano or bone dust.

Transplanting should, if possible, always be done in cloudy weather. If the soil is dry the plants will require a light watering, to settle the earth around the roots, and if warm, sunny days succeed the operation, they will root all the better to have shade for a day or two. All large growing plants should be transplanted singly, but many of the smaller may be removed in patches without any trouble. After the plants are established, they will need no other care than to tie up the taller growing sorts to stakes, to prevent the wind and rain from beating them down and injuring their blossoms.

Garden Requisites.

There are several aids to the economical management of the garden, which are almost indispensable; one of these is the *hot-bed* frame for the forwarding of plants for early planting—a frame made of various sizes, according to the size of the garden, from four sashes upward. The length of sash is generally six feet, by three wide, the size of glass six by eight inches. The frame should have a southern or a southeastern exposure; should be made up of fresh horse manure, and a few leaves mixed with it; this must be laid in a heap preparatory to being used, and, when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich, loamy soil must be spread over the manure; then cover the frame with the sashes, and after standing a few days, to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, one or two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack firmly and evenly.

SEEDS FOR ASSOCIATIONS OR CLUBS.

The following seeds may be selected from our Catalogue, at the prices named, and will be forwarded, postage free, to any part of the United States:

Purchasers remitting \$1.00 may select seeds in packets or ounces at Catalogue prices, amounting to	\$1.25
" " 2.00 " " " " "	2.50
" " 3.00 " " " " "	4.00
" " 4.00 " " " " "	5.50
" " 5.00 " " " " "	7.00

Seeds when ordered in larger quantities than the above (as quarts or pounds) will not be included, nor plants or bulbs.

A DESCRIPTIVE LIST ... OF ... FLOWER SEEDS.

Flower Seeds Sent Free by Mail on Receipt of Price.



ABRONIA UMBELLATA.

Handsomeness, trailing annuals, with clusters of sweet-scented flowers resembling the Verbena. Fine for baskets or for the garden. Blooms from August until October. Per Pkt. 5

ACROLINIUM.

An elegant, half-hardy annual, producing beautiful everlasting flowers. Grows about one foot high.

ALBUM. Pure white. 5
ROSEUM. Bright rose color. 5
BOTH COLORS MIXED. 5

ADONIS.

A hardy annual, with very pretty foliage, producing bright red flowers. Grows about one foot high and blooms for a long time. 5

AGERATUM.

Hardy annuals for beds or borders, or nice for cutting. Grows about one foot high and continues in bloom all summer.

MIXED. 5

ALYSSUM.

A hardy annual about eight inches high, with clusters of small, fragrant flowers. Fine for bedding and bouquets.

SWEET. White; 1 ft. 5
WIERSBECKII. Yellow and white; 1 ft.; *hardy perennial*. 5
SAXATILE COMPACTA. Yellow; $\frac{3}{4}$ foot; *hardy perennial*. 5
TOM THUMB. Very dwarf; white. 5

ANTIRRHINIUM. (Snap Dragon.)

A very showy and hardy perennial, about two feet high, flowering well the first season. Sow the seeds early, in pots or under glass.

ALBUM. Pure white. 5
BRILLIANT. Scarlet and golden, white throat. 5
FIREFLY. Scarlet and white. 5
FIRE KING. Rose, with orange; fine. 5
GALATHEE. Crimson, white throat. 5
LILACINUM. Lilac. 5
LUTEUM. Yellow. 5
NIGRESCENS. Nearly black. 5
BEST MIXED VARIETIES. 5

AMARANTHUS.

Half-hardy annuals about two feet high, with finely variegated foliage. They are most brilliant on poor soil and in dry seasons.

TRICOLOR. 5

AMMOBIUM ALATUM.

A useful everlasting for making dried winter bouquets and a showy border plant, growing freely in any garden soil. Hardy annual.

WHITE. 2 ft. 5

AMPELOPSIS—Veitchii.

(Boston Ivy.)

Popular, rapid growing, hardy vine. Adheres firmly to stone or brick, foliage turning very brilliant in the autumn. 5

ANAGALLIS.

Beautiful, trailing, hardy annuals about six inches high, and very desirable for small beds, edgings, baskets, etc.

MIXED. 5

ASPERULA.

A most profuse-blooming, hardy annual, attaining an average growth of one foot, the flowers of which are a beautiful light blue, are very sweet scented, and last a long while in perfection.

BLUE. 1 ft. 5

ASTER.

Very beautiful and popular half-hardy annuals, growing from ten to eighteen inches high. For profusion of flowers and richness of display, the Asters are unrivaled. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil, about one foot apart.

VICK'S VIOLET KING. Entirely new and distinct from any other variety; petals much larger and broader, those in the center being twisted and incurved, completely covering the crown. The bloom is round, full and very large, many of the flowers measuring from four to five inches; color soft violet-lilac. 25

HERCULES. Purest white, petals very long, flowers attaining the enormous diameter of six inches. Excellent for pot culture. 25

COCARDEAU OR CROWN. The flowers of this variety have large white centres bordered with scarlet, carmine, violet or blue; attractive and beautiful; $1\frac{1}{2}$ ft. 5

DWARF PYRAMIDAL BOUQUET. The plants, when well grown, form a complete bouquet of flowers of splendid mixed colors; 1 ft. 10

DWARF CHRYSANTHEMUM FLOWERED. A free bloomer with large flowers; mixed; 1 ft. 10

TALL CHRYSANTHEMUM FLOWERED. Taller than the preceding; mixed. 10

GIANT EMPEROR. Brilliant and beautiful colors, flowers very double and of immense size; mixed; 2 ft. 10

ROSE FLOWERED. A fine variety; flowers very double; mixed; 2 ft. 10

TRUFFAUT'S PEONY-FLOWERED PERFECTION. The earliest flowering variety; flowers very double; fine mixed colors; 2 ft. 10

MIGNON. A class of semi-dwarf habit, flowering profusely; very popular, especially with florists.

PURE WHITE. 10

MIXED COLORS. 10

GERMAN QUILLED. Perfectly double quilled flowers of beautiful mixed colors; 2 ft. 5



COMET ASTER.

ASTER.—Continued.

	Per Pkt.
COMET. A variety of great beauty. Grows in pyramidal form thirteen to fifteen inches high, covered with large double flowers with long curled petals. Choicest mixed varieties.....	10
QUEEN OF THE MARKET. Finest mixed; very early....	10
VICTORIA. Very large, of perfectly double form; mixed; 1 1/4 ft.....	10
VICTORIA. White.....	10
CARTER'S WHITE PLUME. One of the most magnificent white Asters yet produced; height about 15 inches. ...	15

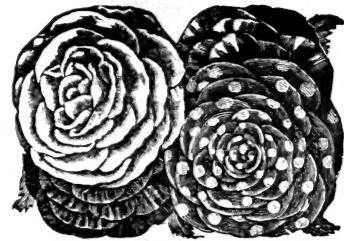


JEWEL ASTER.

JEWEL. A magnificent class obtained from the well-known large-flowered Peony Perfection. The flower is densely double, and the petals so symmetrically incurved as to resemble a perfect ball. Mixed colors....	10
TRIUMPH, DEEP SCARLET. A rich, brilliant color; each plant bears thirty to forty flowers of great beauty; 8 in.....	10
SEMPLE'S BRANCHING. A superior and free-flowering class. The flowers are large, with graceful, wavy petals on long stems; excellent for cutting; 3 ft.	
LAVENDER.....	10
PINK.....	10
CRIMSON.....	10
WHITE.....	10
PURPLE.....	10
FINEST MIXED. All colors.....	10
CHINESE. Common variety; mixed.....	5

BACHELOR'S BUTTON.

A showy, hardy annual about two feet high, succeeding well in any soil. Set six inches apart..... 5



DOUBLE BALSAM.

BALSAM.

	Per Pkt.
Most magnificent, popular, half-hardy annuals, from one and one-half to two feet in height. Sow the seeds early in frames, and transplant to a well-enriched border one foot apart.	
FINE DOUBLE MIXED.....	5
ROSE-FLOWERED.....	5
CAMELIA-FLOWERED. Finest mixed.....	5

BARTONIA AUREA.

A showy, half-hardy annual, growing about two feet high, bearing very brilliant yellow flowers. Thin plants to six inches apart..... 5



BELLIS PERENNIS. (Double Daisy.)

A favorite perennial for the border or for pot culture. Set plants six inches apart.	
RED. Double; very fine.....	10
SNOWBALL. White; large.....	10
FINEST MIXED. Double.....	10

BRACHYCOME IBERIDIFOLIA.
(Swan River Daisy.)

Very pretty, free-flowering, dwarf-growing annual; well adapted to edgings, rustic baskets, or pot culture.	
MIXED BLUE AND WHITE. 1/2 ft.....	10

BROWALLIA.

Handsome, profuse-blooming annual, covered with beautiful flowers during the summer and autumn months.	
ELATA COERULEA. Blue; 1 1/2 ft.....	5
ALBA. White; 1 1/2 ft.....	5
FINE MIXED.....	5

**CALENDULA.**

Per Pkt.

Free-flowering, hardy annual, growing in any good garden soil, producing a fine effect in beds or mixed borders. 1 to 1½ feet.

METEOR. Double; yellow striped orange.....	5
PRINCE OF ORANGE. Double; dark orange.....	5
FINEST DOUBLE MIXED.....	5

**CALCEOLARIA.**

Indispensable for the greenhouse or the flower garden. They succeed in any light, right soil. Half-hardy perennials.

CHOICE MIXED VARIETIES.....	15
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CANARY BIRD FLOWER.

A rapid-growing, delicate climber, reaching a height of from ten to fifteen feet. Bright yellow, fringed; exceedingly beautiful foliage. Half-hardy annual..... 10

CANDYTUFT.

A well-known hardy annual, very useful for bedding and bouquets, and also for pot culture.

EMPRESS. Large trusses of pure white flowers, very handsome, used for forcing. Ounce 40c.....	5
CRIMSON. Ounce 25c.....	5
PURPLE. Ounce 25c.....	5
WHITE. Ounce 25c.....	5
TALL. Finest mixed. Ounce 25c.....	5
DWARF. Fine white. Ounce 25c.....	5
ROCKET. Pure white, long spikes. Ounce 25c.....	5

CANNA.

Handsome foliage plants, growing from three to eight feet high. Highly ornamental on the lawn. Soak the seeds in warm water for about twelve hours. Seeds should be sown early in a strong, moist heat. Half-hardy perennials.

FINEST MIXED.....	10
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**CANARY BIRD FLOWER.****CANTERBURY BELLS.**

Per Pkt.

A well-known biennial, growing about one foot high, producing beautiful bell-shaped flowers.

DOUBLE BLUE.....	5
DOUBLE WHITE.....	5
DOUBLE MIXED.....	5

CATCHFLY.

A hardy annual about one foot high; produces brilliant flowers in great profusion in early summer.

RED.....	5
WHITE.....	5
NEW PINK.....	5
MIXED.....	5

CENTAUREA.

Silver-leaved plants, fine for ribbon borders, baskets, etc. Half-hardy perennial.

CANDIDISSIMA. Thick foliage; ¾ ft.....	10
GYMNOCARPA. Graceful white foliage; ¾ ft.....	10

**CANNA.****CINERARIA.**

Well-known favorite, free-flowering plants for the greenhouse, which may be had in splendid bloom through the greater portion of the year, and, from the richness and diversity of the colors, are among the most valuable of our early spring flowers; succeed best in light, rich, free and open soil. Greenhouse perennial.

CARTER'S BRILLIANT PRIZE. Choicest varieties.....	25
FINE MIXED VARIETIES.....	25

CHRYSANTHEMUM.

Handsome, hardy annual, about two feet high, blooming from July to October.

DOUBLE WHITE.....	5
DOUBLE YELLOW.....	5
DOUBLE MIXED.....	5

**CLARKIA.**

Per Pkt.

A very beautiful, hardy annual, about eighteen inches high, blooming from June to September. Set six inches apart.

FINE MIXED. Ounce 30..... 5

**COBÆA SCANDENS.**

The most useful of climbers, on account of its rapid growth, fine foliage, and large, bell-shaped flowers, purple in color. In sowing place the seeds edgewise and cover lightly. Half-hardy perennial..... 10

COCKSCOMB.

Very singular and attractive, half-hardy annuals, about two feet high. To perfect the flowers they should be sown in the hot-beds and transplanted into rich soil one foot apart.

MIXED. Double..... 10

COLEUS.

One of the most popular foliage plants. Is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. Half-hardy perennial.

NEW HYBRIDS. Mixed..... 15

COLLINSIA.

Beautiful, hardy annual; very pretty when grown in a mass. Thin plants to three inches apart.

MIXED..... 5

COLLOMIA.

A very pretty annual, producing heads of bright flowers.

SCARLET..... 5

COLUMBINE.

A well-known showy, hardy perennial about two feet high, blooming in May and June.

MIXED..... 5

CONVOLVULUS MAJOR.

(Morning Glory.)

Per Pkt.

A well-known beautiful, climbing annual, suitable for covering arbors, trellises, etc. Blooms from July until autumn.

FINE MIXED Ounce 10..... 5

JAPANESE MORNING GLORIES. Gigantic flowers, exquisite new colors, magnificent foliage. Finest mixed... 5

CONVOLVULUS MINOR.

Beautiful and showy, half-hardy annuals, producing an abundance of rich colored flowers. Set plants one foot apart. Blooms from July until autumn.

FINE MIXED..... 5

MAURITANICUS. Beautiful for hanging baskets and vases. Flowers blue..... 5

**COREOPSIS.**

Showy, hardy annuals about two feet high, succeeding well in any soil. Produces a fine effect when grown in a mass. Blooms from June until September.

FINE MIXED..... 5

DRUMMOND'S. Large Yellow..... 5

**COSMOS.**

Splendid flower for cutting purposes, plants growing five to seven feet high, which are beautiful masses of the most elegant foliage, until they begin to bloom, when each plant will have hundreds of large, showy blossoms. Both foliage and flowers are excellent for cutting. Sow seed early in spring and transplant to the garden in June.

HYBRIDUS. Mixed colors..... 10

CYPRUS VINE.

One of the most popular of all summer climbers; flowers small, thickly set in a most beautiful dark-green foliage, forming a striking contrast. Tender annuals.

SCARLET..... 5

**DAHLIA.**

Per Pkt.

Half-hardy perennial, blooming the first year from seed if sown early.

FINEST MIXED. Single.....	10
FINEST MIXED. Double.....	10

DATURA.

White bordered with lilac. Continues in bloom from July until September. A beautiful half-hardy perennial, growing from two to three feet in height and producing very large flowers.

WRIGHTII.....	10
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DELPHINIUM FORMOSUM.

A hardy perennial about two feet high, producing an abundance of exquisite blue and white flowers. Blooms the first season..... 5

DRACÆNA.

Beautiful ornamental-leaved plant, extensively used in vases and for house decoration. Tender perennial.

FINEST MIXED. Splendid varieties.....	10
INDIVISA. Narrow, dark-green foliage.....	10
VEITCHI. Beautifully colored leaves.....	10

**ESCHSCHOLTZIA.**

A very showy, hardy annual, about one foot high, blooming from June until September. Produces a brilliant effect; admirable for borders when grown in a mass.

ALBA. White.....	5
CALIFORNICA. Yellow; orange center.....	5
MANDARIN. Orange and scarlet.....	5
FINEST SINGLE MIXED.....	5
MANDARIN. Double; orange and scarlet.....	10

FEVERFEW. (Pyrethrum.)

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders. Succeeds in any rich soil.

DOUBLE WHITE.....	5
GOLDEN FEATHER. Prized for its yellow foliage.....	5

**FORGET-ME-NOT.**

Per Pkt.

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rock work.

BLUE.....	5
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FOXGLOVE.

A hardy biennial, growing three to four feet high, and very ornamental in a garden or amongst shrubbery, as it produces tall spikes of bell-shaped flowers.

FINE MIXED.....	5
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FRENCH HONEYSUCKLE.

A fine border plant. Hardy perennial.

WHITE.....	5
RED.....	5
MIXED.....	5

GAILLARDIA.

Showy and universally admired perennial, flowering the first year. Very beautiful; fine for bedding and bouquets, and should be more generally cultivated.

FINE MIXED.....	5
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**GOURDS.**

A valuable and highly interesting class of climbing plants. Tender annuals.

BOTTLE. Well known and very useful.....	5
HERCULES CLUB. Club shaped, curious.....	5
NEW MINIATURE. Orange and green striped; one of the best.....	5
ORANGE. Very ornamental, fruit resembling an orange.	5
POWDER HORN.....	5
FINE MIXED.....	5

GLOBE AMARANTH.

A tender annual about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open. Start early in hot-beds and transplant one foot apart in the border when the weather becomes warm.

PURPLE.....	5
WHITE.....	5
CRIMSON.....	5
VARIEGATED.....	5

GLOXINIA.

Greenhouse plants, producing richly colored and brilliant flowers. Perennial.

CARTER'S INVINCIBLE PRIZE. Contains all the best self-colors, crimson, sapphire, purple, ruby, rose, bluish violet and white, together with the most beautiful, spotted or marbled kinds..... 25

GRASSES. (Ornamental.)

The ornamental grasses produce a beautiful and pleasing contrast when interspersed with flowering plants. Most of the varieties may be dried for winter bouquets, or used for filling vases, either in a dried or a green state.

Agrostis Nebulosa.

One of the most graceful grasses in cultivation. Hardy annual; 1½ ft..... 5

Avena Sterilis. (Animated Oats.)

Very graceful, with large, drooping spikes on slender stems. Hardy annual; 2 ft..... 5

Briza Maxima. (Quaking Grass.)

A most beautiful variety; one of the best. Hardy annual; 1¼ ft..... 5

Briza Gracilis. (Quaking Grass.)

Very delicate and graceful. Hardy annual; 1 ft..... 5

Colx Lachrymæ. (Job's Tears.)

A well-known variety. Half-hardy annual; 2 ft..... 5

Eragrostis Elegans. (Love Grass.)

A favorite variety, graceful habit and very much admired. Hardy annual; 2 ft..... 5

Gynierium Argentum. (Pampas Grass.)

The finest ornamental grass in cultivation. Half-hardy perennial; 10 ft..... 10

Hordeum Jubatum. (Squirrel Tail Grass.)

Very handsome light purple plumes. Hardy annual; 3 ft..... 5

Lagurus Ovatus. (Hare's Tail Grass.)

Small white plumes. Hardy annual; 2 ft..... 5

Sectaria Microcheta.

Large drooping plumes of the most graceful description. Hardy annual; 2 ft..... 5

Stipa Pennata. (Feather Grass.)

One of the finest of the ornamental grasses. Hardy perennial; 2 ft..... 5

GODETIA.

Very attractive hardy annual of easy culture, about one foot high, flowering in July and August.

FINE MIXED..... 5

GREVILLEA ROBUSTA.

A very graceful decorative plant, with evergreen, fern-like foliage. Tender perennial..... 5

GYPSOPHILIA

Free-flowering, elegant plants, adapted for rustic rock-work and edging. Hardy annual.

FINE MIXED..... 5

HELICHRYSUM. (Eternal Flower.)

A hardy annual, very ornamental in the garden and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open.

DOUBLE YELLOW..... 5

" **WHITE**..... 5

" **SCARLET**..... 5

" **PURPLE**..... 5

FINE MIXED..... 5

**HELIOTROPE.**

Per Pkt.

A well-known half-hardy perennial, particularly prized on account of its delightful fragrance. It is well adapted for bedding or pot culture. Sew the seeds early in spring, in pots or in the hot-house, and transplant into the garden when the weather becomes warm.

LOUISE DELUX. Rose-tinted flowers..... 10

MAD. DE BLONAX. White, for bouquets..... 10

FINEST MIXED. Dark varieties..... 10

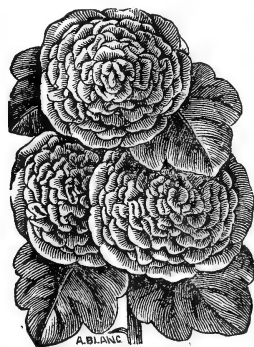
HOLLYHOCK.

Showy perennials four to six feet high; very effective amongst shrubbery.

DOUBLE WHITE. Flowers pure white, perfectly double. 10

EXTRA CHOICE DOUBLE FINEST MIXED..... 10

FINE MIXED..... 5

**HOLLYHOCK****HONESTY.**

A hardy biennial, two feet high, flowering the second year in May and June. The flowers are succeeded by singular semi-transparent seed vessels that are quite ornamental and may be kept for a long time..... 5

HUMULUS. (Hop.)

An extremely rapid growing climber, with handsome, variegated foliage. Hardy annual; 20 ft..... 5

HYACINTH BEAN.

Tender, climbing annual, producing clusters of brilliant flowers..... 5

ICE PLANT.

A singular-looking, tender annual with thick, fleshy leaves that have the appearance of being covered with crystals of ice. Start early in pots and transplant into light, sandy soil, in a warm situation..... 5

JACOBEEA.

A very gay-colored, showy class of hardy annuals, very effective for bedding. Grows about one foot high.

DOUBLE FINEST MIXED..... 5

LANTANA.

Per Pkt.

Highly valuable plants of vigorous growth and branching habit, producing brilliantly-colored flowers constantly changing in hue. Very effective, either for pot culture or for bedding.

FINE MIXED..... 5

LARKSPUR.

Very beautiful showy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart.

DWARF DOUBLE ROCKET. Extra fine mixed..... 5

DOUBLE BRANCHING. Fine mixed..... 5

LAVENDER.

A shrubby plant, half-hardy. Delightful fragrance... 5

LOBELIA.

Most excellent and useful plants, free-flowering and of easy culture. Fine for borders, baskets, vases and window boxes.

GRACILIS. Fine for hanging baskets, vases, etc.; light blue; trailing..... 10

CRYSTAL PALACE. Compact; dark blue; excellent for edging..... 5

WHITE GEM. The best white variety for edging..... 5

MIXED TRAILING VARIETIES..... 5

CARDINALIS. Long spikes, bright scarlet flowers. *Hardy perennial*..... 10

MIXED HYBRIDS *Hardy perennial*..... 10

LOPHOSPERMUM.

Beautiful climber; showy flowers. Excellent for hanging baskets and vases.

SCANDENS. Rose..... 10

LOVE-LIES-BLEEDING.

A hardy annual, three to four feet high, with pendant spikes of blood-red flowers..... 5

LOVE-IN-A-MIST.

A curious, hardy annual about one foot high, with finely cut leaves and singular flowers..... 5

LUPINS.

Showy, hardy perennials, two to three feet high, producing tall spikes of attractive flowers.

FINE MIXED..... 5

MALOPE.

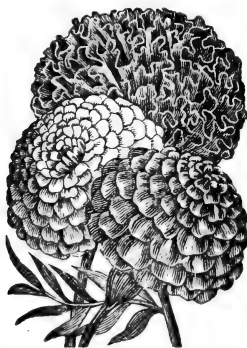
Handsome, half-hardy annual, about two feet high. Set eighteen inches apart. Well adapted to mixed borders.

FINE MIXED..... 5

MARVEL OF PERU.

The old and well-known four o'clock. A beautiful plant with flowers of various colors, making a fine summer hedge when set one foot apart. Grows two feet high.

FINE MIXED..... 5

**MARIGOLD.**

Extremely showy, half-hardy annual, one to two feet high, well adapted to garden culture, blooming profusely through the season. Set one foot apart.

ORANGE AFRICAN..... 5

LEMON..... 5

FRENCH. Beautifully striped..... 5

NANA PULCHRA. Very dwarf, double, striped..... 5

MAURANDIA.

Per Pkt.

An elegant, half-hardy, climbing perennial, well adapted to the conservatory or trellis work in the garden. Start early in pots, transplant when the weather becomes warm. Flowers the first year from the seed, and continues in bloom through the season.

BARCLAYANA. Rich violet flowers..... 10

SCARLET..... 10

PURPLE..... 10

WHITE..... 10

FINE MIXED..... 10

MORNING GLORY. (See Convolvulus.)**MOURNING BRIDE.**

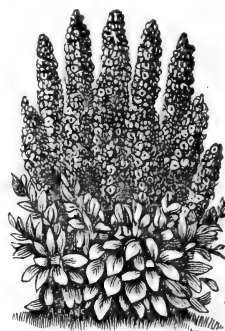
A class of very pretty, hardy annuals, from one to two feet high, suitable for bedding or bouquets.

PURPLE..... 5

RED..... 5

WHITE..... 5

FINEST MIXED..... 5

**MIGNONETTE.**

A well-known, hardy annual, universally grown and esteemed for its delicious fragrance. If well thinned out, the plants will grow stronger and produce larger spikes of bloom.

Mignonette, Sweet.

Large flowered variety, very fragrant.
Per ounce, 15 cts..... 5

Dwarf Compact.

A very desirable variety distinct in character, forming a dwarf, dense bush..... 5

Large Flowered, Pyramidal.

Greatly superior to the old variety of pyramidal growth and much larger flowers..... 5

Machet.

The finest variety for pot culture; sweet-scented, red flowers..... 5

Parson's White.

Flowers nearly white; a desirable variety..... 5

Pyramidal Bouquet.

A variety of dwarf pyramidal growth and large spikes of reddish flowers..... 5

Allen's Defiance.

Under favorable conditions, spikes will grow from twelve to fifteen inches long, and are deliciously fragrant. Its great strength and extraordinary keeping qualities surpass other varieties, spikes having been kept two weeks after cutting..... 10

MIMULUS.

Handsome, profuse-blooming plants, with flowers of singular form and brilliant colors, fine for greenhouse or shady situations. Half-hardy perennials, blooming from seed the first year.

FINE MIXED..... 10

MUSK PLANT.

Much esteemed for the strong musk odor of its leaves. It has a yellow bloom..... 10

NEMOPHILA.

Per Pkt.

Charming hardy low annual, producing an abundance of extremely delicate and beautiful flowers. Very useful for bedding or for pot culture. Sow early in pots and transplant into a cool, rather moist, location.

INSIGNIS. Clear, bright blue, white center.....	5
FINEST MIXED.....	5

NICOTIANA.

Deliciously fragrant flowers, very ornamental, of easy cultivation, excellent for cutting. Half-hardy annuals.

AFFINIS. White, very fragrant.....	5
ATROPURPUREA GRANDIFLORA. Crimson; 4 ft.....	5
COLOSSEA. Reddish foliage; very handsome; 10 ft.....	10
SANDERÆ (new). Branching habit; 2 ft. Strikingly beautiful plants. Blossoms brilliant carmine-red; delicious fragrance.....	15

NIEREMBERGIA GRACILIS.

Per Pkt.

Profuse-blooming little plants, with white, lilac-shaped flowers; exceedingly valuable for small beds, edging and rustic baskets or vases. Half-hardy perennials....

NOLANA.

Very pretty trailing, hardy annuals, fine for rock-work, hanging baskets or for bedding. Select light, rich soil.

FINE MIXED.....	5
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**NICOTIANA SANDERÆ.**

Per Pkt.

NASTURTIUM—Continued.

DUNNETT'S ORANGE.....	5
EDUARD OTTO. Brownish lilac.....	5
HEINEMANNI. Chocolate color.....	5
PEARL. Whitish.....	5
PRINCE HENRY. Yellow, marbled scarlet....	5
REGELIANUM. Purplish violet.....	5
SHELLINGH. Yellow spotted.....	5
SCHUECRANUM. Straw colored, spotted brown	5
VESUVIUS. Salmon, dark-leaved.....	5
VON MOLTKE. Dark rose.....	5
YELLOW.....	5

"K & W." Mixed Varieties. Ounce 15
COLLECTION of 6 pkts. 25c; 12 pkts. 40c.....

NASTURTIUM LOBBIANUM. Very elegant and beautiful climber, flowering most profusely; very useful for covering verandas, or for trellis and rustic work. Half-hardy annual; fine mixed.....

5

NASTURTIUM. (Dwarf.)

The dwarf improved varieties of Nasturtium are among the most useful and beautiful of garden favorites for bedding, massing or ribboning. Hardy annuals.

CRIMSON.....	5
SCARLET.....	5
YELLOW.....	5
KING THEODORE. Flowers very dark.....	5
KING OF TOM THUMB. Flowers brilliant scarlet	5
CRYSTAL PALACE GEM. Sulphur spotted with	5
maroon.....	5
EMPRESS OF INDIA. Very dwarf, with dark	5
tinted foliage; flowers brilliant crimson....	5
CLOTH OF GOLD. Golden yellow foliage, scar	5
let flowers.....	5
"K. & W." Mixed Varieties. Ounce 15	5
COLLECTION of 6 pkts. 25c.....	5

OXALIS.

Elegant flowering plants, particularly adapted for the greenhouse or parlor, where they bloom in mid-winter.

FINE MIXED VARIETIES.....	10
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OENOTHERA. (Evening Primrose.)

A well-known, showy perennial, one and one-half feet high, blooming the first year from the seed.

ODORATA. Sweet-scented yellow flowers; 1 ft.....	5
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**DWARF NASTURTIUM.****NASTURTIUM. (Tall.)**

One of the most popular flowers of the present time, and constantly growing in favor. Is a rapid climber, of easiest culture, bearing beautifully colored flowers in profusion until killed by frost. Hardy annuals.

The K. & W. Mixed Varieties, both Tall and Dwarf, cannot be surpassed for brilliancy and variety of color. The plants, for about three months in the year, produce a lavish profusion of bloom, even through the hottest weather, and a trial of them is sure to give great satisfaction.

COCCINEUM. Scarlet.....	5
CRIMSON.....	5



SWEET PEAS.

Sweet peas are among the most desirable hardy annuals grown, being exceedingly beautiful and highly ornamental, and will grow and blossom well in any good garden soil. Select an open, sunny location, and sow as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer.

	Oz.	Pkt.
ADMIRATION. Heliotrope-pink; wings shade lighter.....	10	5
ALICE ECKFORD. Rich, deep cream, tinted with cherry standards, white wings.....	10	5
AMERICA. Crimson scarlet, irregularly striped..	10	5
APPLE BLOSSOM. Rosy pink, blending with white.....	10	5
AURORA. White ground, flaked with bright orange.....	10	5
BLACK KNIGHT. Deep maroon, clear and shining; free flowering.....	10	5
BLUSHING BEAUTY. Very beautiful, flesh pink..	10	5
BLANCHE BURPEE. White variety.....	10	5
BLANCHE FERRY. Extra early standards; carmine pink, wings almost pure white.....	10	5
BRONZE KING. Standards coppery bronze, wings white.....	10	5
BUTTERFLY. Delicate blending of white and blue.....	10	5
CAPTAIN OF THE BLUES. Pale blue.....	10	5
CAPTIVATION. A beautiful light claret.....	10	5
COCCINEA. Cherry red.....	10	5
COQUETTE. Primrose and very light purple....	10	5
COUNTESS OF CADOGAN. Bright shining violet, wings sky blue.....	10	5
COUNTESS OF LATHOM. Delicate rosy pink.....	10	5
COUNTESS OF RADNOR. Pale lavender; lovely flower.....	10	5
COUNTESS OF SHREWSBURY. Pale purplish pink, wings bluish white.....	10	5
DAINTY. Crystal white, with pink edge.....	10	5
DOROTHY TENNANT. Dark mauve.....	10	5
DUKE OF CLARENCE. A brilliant rosy claret....	10	5
DUKE OF SUTHERLAND. Dark purple and violet.	10	5
DUKE OF WESTMINSTER. Deep maroon, overlaid with violet.....	10	5
EARLIEST OF ALL. Rose and white; fine for forcing.....	10	5
EMILY ECKFORD. Light reddish mauve, blue wings.....	10	5

	Oz.	Pkt.
EMILY HENDERSON. A distinct and valuable white variety.....	10	5
FASCINATION. Tints of blue and lilac.....	10	5
GEORGE GORDON. Garnet red.....	10	5
GOLDEN ROSE. Light primrose and rosy pink...	10	5
GORGEOUS. Standards rich orange salmon, wings deeper shade.....	10	5
GRAY FRIAR. Purple shadings on white ground.	10	5
HON. MRS. E. KENYON. Large primrose yellow.	10	5
INDIGO KING. Maroon purple standard, indigo blue wings.....	10	5
JANET SCOTT. Soft rosy pink and buff.....	10	5
JEANNIE GORDON. Rose pink and primrose....	10	5
KATHERINE TRACY. Brilliant pink; free bloomer; flowers extra large.....	10	5
KING EDWARD VII. Bright red.....	10	5
LADY GRISEL HAMILTON. Beautiful shining, pale lavender.....	10	5
LADY MARY CURRIE. Deep orange pink, shaded with lilac.....	10	5
LADY NINA BALFOUR. Delicate lavender, shaded with a beautiful shade of gray.....	10	5
LADY PENZANCE. Delicate rose; silky texture..	10	5
LORD ROSEBERRY. Magenta rose.....	10	5
LOTTIE ECKFORD. White ground, blended with blue lavender.....	10	5
LOTTIE HUTCHINS. Cream flaked with pink....	10	5
LOVELY. Deep pink, shading to light pink.....	10	5
MAID OF HONOR. Lavender and white, edged with lilac.....	10	5
MAJESTIC. Fiery carmine; wings rose madder..	10	5
MARS. Bright fiery crimson; large flower.....	10	5
MISS WILLMOTT. Large orange rose.....	10	5
MODESTY. White with pink edge.....	10	5
MONARCH. Bronze crimson and blue.....	10	5
MONT. BLANC. Early white; fine for forcing....	10	5
MRS. DUGDALE. Bright rose, shaded with pink..	10	5
MRS. ECKFORD. White, shaded with primrose...	10	5
MRS. JOS. CHAMBERLAIN. White, striped and flecked with bright rose.....	10	5
NAVY BLUE. An entirely distinct new color, elegantly veined, nearly like deep violets.....	10	5
ORANGE PRINCE. Orange pink, flushed with scarlet.....	10	5
ORIENTAL. Cream, heavily veined with salmon.	10	5
OTHELLO. Dark, glossy; maroon; very large....	10	5
PAINTED LADY. Rosy crimson and bluish white.	10	5
PINK FRIAR. Soft carmine rose, beautifully shaded.....	10	5
PRIMA DONNA. Lovely shade of soft pink, of large size and fine form.....	10	5

SWEET PEAS—Continued.

	Oz.	Pkt.
PRINCE EDWARD OF YORK. Standards scarlet, large, deep rose wings.....	10	5
PRINCE OF WALES. Bright rose, self-color, long stem and free bloomer.....	10	5
QUEEN VICTORIA. Soft yellow, veined with faint purple, imparting a silky lustre.....	10	5
RAMONA. Large flowers of creamy white, splashed with pale pink.....	10	5
ROYAL ROSE. Deep carmine; wings rose pink...	10	5
SADIE BURPEE. Pure pearly white, long-stemmed hooded variety.....	10	5
SALOPIAN. Deep crimson, suffused with rich orange scarlet.....	10	5
SENSATION. Rosy cream, with white wings.....	10	5
SHAZADA. Rich dark maroon, shaded purple....	10	5
STELLA MORSE. Deep cream, with blush pink edge	10	5
STANLEY. Deep maroon; large flower.....	10	5
THE BRIDE. Fine white, with long, graceful, strong stem.....	10	5
VENUS. Salmon-buff, standards delicately shaded with rosy pink.....	10	5

"K. & W." CHOICE MIXED. This splendid assortment is a mixture of the finest varieties produced, the flowers being of the largest sorts, and so combined as to give the most delightful harmony of colors.

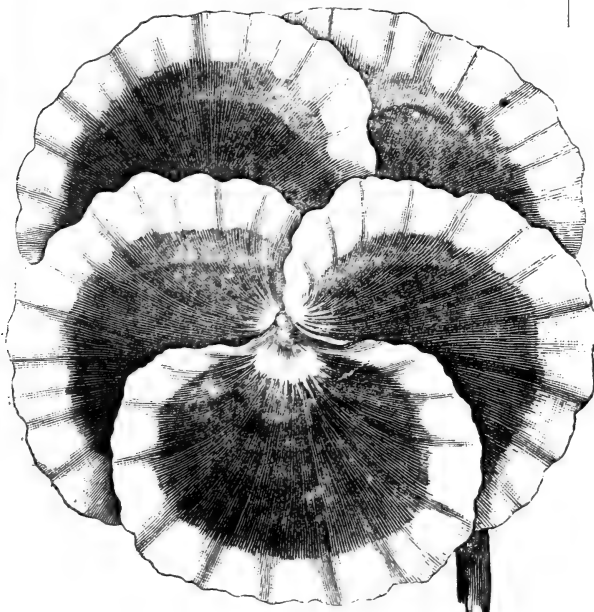
1 lb.	1/2 lb.	1/4 lb.	Oz.	Pkt.
.50	.30	.20	.10	.05

PRICES FOR ANY OF THE ABOVE SWEET PEAS. 6 pkts. for 25c.; 12 pkts. for 40c.; collection of 75 pkts. \$2.25.

HELEN PIERCE. Especially new in color and markings, the color being very bright blue, mottled on pure white. Does not come striped, but uniformly marbled with the color, the veins showing a little deeper, resembling a blue mottled glloxinia. The effect is very fine, and makes a beautiful decoration, especially when bunched by itself..... 10

NEW BUSH SWEET PEAS. Grow in perfect bush form, 16 to 18 inches high, producing flowers of large size..... 10 5

EVERLASTING SWEET PEAS.
FINE MIXED..... 10 5



PANSY.

PANSY.

A well-known and universal favorite. Prefers a moist shady situation; cover during the winter months. Seed sown in August or September, kept in a cold frame through the winter and planted out in the spring, will blossom the whole season. Hardy perennial.

Per Pkt.

CARTER'S PRIZE. Extra choice strain; very large flowers and choice colors.....	15
GIANT FIVE-SPOTTED. Enormous flowers of perfect symmetry; beautifully blotched with the richest deep velvety plum-crimson, bordered with white and various colors.....	15
CARTER'S PEACOCK. Unique flowers of marvelous beauty, the upper petals being of a beautiful ultra-marine blue, resembling in shade the peacock feather.....	25
GIANT STRIPED. The perfection of all the striped varieties.....	15
BUGNOT. A French variety, of large size, beautiful colors, handsome broad blotches, finely penciled with stripes of delicate hue.....	15
KING OF THE BLACKS. Velvety jet black.....	10
ODIER. Finest blotched.....	10
BLUE. Beautiful light blue.....	10
YELLOW. Pure golden yellow.....	10
PURPLE. Dark rich purple.....	10
WHITE. Pure white; dark eye.....	10
"K. & W." EXTRA CHOICE MIXED. Superb mixture of finest large flowered varieties.....	10
FINEST MIXED.....	5

PASSION FLOWER.

A splendid class of climbers with curious flowers produced in great profusion; fine for conservatory or will answer for the garden, flowering freely during the autumn.

FINE MIXED..... 10

PERILLA NANKINENSIS.

An annual, growing from two to two and one-half feet; stems branching well, covered with an ample foliage of a dark purple, almost black..... 5



PETUNIA.

Favorite, hardy annuals, succeeding well in any rich soil. For the brilliancy and variety of their colors, their abundance of flowers, and the long duration of their blooming period, they are indispensable in any garden.

DOUBLE FRINGED. Extremely double, edges finely fringed, petals fluted and crinkled, unmatched by crumpled velvet, which the flowers resemble.....	25
SINGLED FRINGED. Choicest fringed sorts.....	15
GRANDIFLORA HYBRIDA. Fine large flowers handsomely striped and blotched. Single mixed.....	10
CARTER'S EMPRESS. Crimson shaded, with lovely penciled throat. Blossoms of grand size and form.....	15
CLEMATIS FLOWERED. Resembling in form the well-known Clematis Jackmanni; dark and light blue.....	15
WHITE. Single, large, pure white.....	5
FINE MIXED. Single varieties.....	5

**PHLOX DRUMMONDI.**

Per Pkt.

The flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequalled richness of color, make them invaluable in the general flower garden. Hardy annuals.

ALBA. Pure white.....	5
ALBA OCCULATA. Pure white with purple eye.....	5
ATROPURPUREA. Purple.....	5
COCCINEA. Pure deep scarlet.....	5
FINEST MIXED. Ounce \$1.00.....	5
HARDY PERENNIAL. Fine mixed varieties... ..	10

**HEDDEWIGI PINK.****PINK. (Dianthus.)**

One of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

CARNATION. A magnificent class of popular flowers, very fragrant, and of rich and beautiful colors. Hardy perennial.....	10
HEDDEWIGI. Flowers very large, and of rich and brilliant color. Hardy annual.....	10
CHINESE. Splendid double mixed.....	5

CARNATION "MARGUERITE." Very early, and when sown in the spring will bloom in July or August and continue until frost or may be potted to bloom during the winter in the house. Many of the flowers are double, and are finely fringed and fragrant.

DOUBLE WHITE. Large, perfect flowers.....	10
DOUBLE YELLOW. Clear, soft yellow.....	10
GIANT MIXED. Extra large, flowering profusely, in brightest colors.....	10

POLYANTHUS.

Per Pkt.

Showy and profuse flowering hardy perennial about one foot high, blooming in June and July.

FINEST MIXED.....	10
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**SHIRLEY POPPY.****POPPY.**

Brilliant and showy, hardy annual, growing freely in any garden soil. 2 ft.

SHIRLEY. Beautiful strain of single mixed poppies; bright, delicate colors; fine for cutting.....	5
MIKADO. Double white, fringed flowers, purple margins.....	5
CARDINAL. Dark foliage, deeply cut; very double flowers, color vivid scarlet on white ground.....	5
PEACOCK. Cup-shaped, crimson blossoms, with ring of black at the base of the petals; equally good for pots or borders.....	10
TULIP. The plant grows 12 to 14 inches high, and produces well above the foliage 50 to 60 large flowers of the most brilliant scarlet.....	5
WHITE SWAN. The acme of perfection in double Poppies. The profusely produced blossoms are perfectly formed, and the purity of their color is beyond reproach.....	10
ORIENTALE. Deep crimson flowers with black blotch; 3 ft.....	10
ICELAND. The colors range from pure white and yellow to the deepest orange scarlet. Hardy perennial, blooming the first year from seed.....	5
DOUBLE SCARLET.....	5
FINE DOUBLE MIXED.....	5

PORTULACA.

Very popular, low-growing, hardy annuals, making a most brilliant display in the garden, and very suitable for borders or edgings. Sow early in warm, light, rich soil and thin plants to four inches.

SINGLE CRIMSON.....	5
SINGLE SCARLET.....	5
SINGLE WHITE.....	5
SINGLE YELLOW.....	5
SINGLE, ALL COLORS MIXED.....	5
DOUBLE FINEST MIXED.....	10

**PRIMULA. (Chinese Primrose.)**

Per Pkt.

These are beautiful and desirable plants for the parlor and greenhouse, and produce a constant succession of their charming flowers all through the winter and spring. The seeds may be sown at any time from January to July, in pots, using a light soil.

SINENSIS. White fringed.....	25
SINENSIS. Crimson	25
EXTRA FINE MIXED.....	25
DOUBLE EXTRA MIXED.....	50

PRINCE'S FEATHER.

Ornamental plants, with elegant plumes of rich colored flowers.

LARGE FLOWERED. <i>Crimson</i> ; 2 ft.....	5
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**RHODANTHE.**

A well-known everlasting; valuable for the decoration of the conservatory and flower garden; fine for bedding or ribboning. The flowers, if gathered when young, make valuable winter bouquets; succeed best in a light, rich soil and a warm, sheltered situation. Half-hardy annual; 1½ ft.

FINE MIXED.....	10
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RICINUS. (Castor Bean.)

Plants with very ornamental foliage and showy fruit and quite a tropical appearance. With other ornamental-leaved plants, they make a most attractive bed on the lawn, and are also desirable when grown as single specimens. Half-hardy annuals.

BARBONENSIS ARBOREUS. Beautiful, large foliage; 15 ft.....	5
CAMBODGENSIS. Dark foliage; black stem; 6 ft.....	5
GIGANTEUS. Leaves of an immense size; 12 ft.....	5
SANGUINEUS. Scarlet fruited; 10 ft.....	5
ZANZIBARIENSIS. Immense, dark green foliage; 12 ft....	5
MIXED VARIETIES. Ounce 20c.....	5

**RICINUS.****ROSE CAMPION.**

Per Pkt.

The Rose Campion is perfectly hardy and very easily raised from seed. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennials.

FINE MIXED.....	5
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RUDBECKIA. (Cone Flower.)

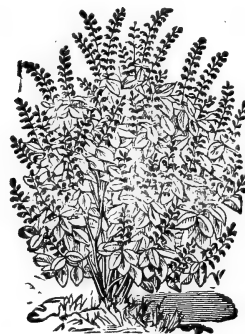
Showy hardy perennial, suitable for borders or clumps among shrubs.

AMPLEXICAULIS. Golden yellow; three feet.....	5
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**SALPIGLOSSIS.**

Very beautiful rich, half-hardy annuals, one and one-half feet high. Start early in the hot-bed and transplant to light, warm, rich soil. Blooms from July to September.

FINE MIXED.....	10
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**SALVIA.**

Very ornamental, producing tall spikes of brilliant flowers. Start early in hot-beds and transplant two feet apart. Half-hardy annual.

SPLENDENS. One of the most gorgeous varieties, growing about 3 feet high. Completely covered with brilliant scarlet flowers.....

FINE MIXED.....	10
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SCHIZANTHUS.

Per Pkt.

Tender annual, one to one and one-half feet high, blooming from August to October. Fine for pot culture.

FINE MIXED..... 5

SENSITIVE PLANT.

A pretty, curious annual, being so sensitive that the leaves close together at the slightest touch..... 5

SMILAX.

A beautiful winter climbing plant, adapted to the conservatory. Nothing can excel this plant in beauty of foliage and orange fragrance of the flower. Extensively used for bouquets and floral decorations of every description..... 5

**STOCKS.**

Half-hardy annual, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in the spring, in pots or in the hot-bed, and transplant one foot apart. Blooms from June until October.

WHITE PERPETUAL. (Princess Alice, or "Cut and Come Again.") Of fine branching habit, growing to the height of 18 inches. Large double flowers, of rosette-like form. In bloom from June until frost. Color white, fine for forcing..... 10

"CUT AND COME AGAIN." Finest mixed..... 10

BEAUTY OF NICE. Handsome winter stock of quick growth, with flowers of very large size. Color, daybreak pink. Height, 24 to 30 inches. Flowers in from 12 to 15 weeks from seed-sowing, and continues to flower for months..... 15

"QUEEN ALEXANDRA." New variety of same type as Beauty of Nice, flowers delicate rosy lilac, of great beauty, and of exceptionally high value for cut bloom, market and bouquet work. From a summer sowing the plants flower within eight weeks, and sown in February or March they will bloom within four months, thus making this variety valuable either as a summer or a winter stock. The percentage of double flowering plants is very large..... 15

SNOWFLAKE. A dwarf variety with large double snow-white flowers; fine for pot culture; very early..... 15

WHITE. Ten weeks, double..... 10

PURPLE. " " "..... 10

SCARLET. " " "..... 10

MIXED. " " "..... 10

SUNFLOWER.

Well known showy plants; remarkable for their rapid and stately growth and the large size and brilliancy of their flowers

MAMMOTH RUSSIAN..... 5

OSCAR WILDE. The flowers are small and consist of small, jet black center, surrounded by a row of bright golden petals overlapping each other..... 5

SPHENOGYNE.

Per Pkt.

A very showy, free blooming plant, with yellow flowers. Very effective for beds or mixed borders. Hardy annual..... 5

SWEET ROCKET.

Fine early spring flowering plant, very fragrant, growing in any soil. About eighteen inches in height.

FINE MIXED..... 5

SWEET SULTAN.

Showy, hardy annual one or two feet high, succeeding well in any soil.

FINE MIXED..... 5

SWEET WILLIAM.

A well-known showy and beautiful hardy perennial about one foot high, making a most splendid appearance in May and June.

HUNT'S PERFECTION..... 5

SWEET CLOVER.

A half-hardy perennial, much resembling the common red clover, and valuable for its fragrance..... 5

TASSEL FLOWER.

A beautiful half-hardy annual, with small, tassel-like flowers, blooming profusely from July to October.

SCARLET..... 5

THUNBERGIA.

Very ornamental, trailing, half-hardy annual, admirably adapted for trellis or rustic work, or for the conservatory.

FINE MIXED..... 10

VENUS LOOKING GLASS.

Very pretty hardy annual. Succeeds well in any soil. Grows about one foot high, and is well adapted to borders or edgings.

FINE MIXED..... 5

**VERBENA.**

Well known and universally popular bedding plant, blooming all summer. Plants grown from seed are more healthy and make larger and hardier plants than those from cuttings. If sown in spring will flower quite early. Half-hardy perennial.

CANDIDISSIMA. Pure white..... 10

SCARLET DEFIANCE. Brightest scarlet..... 10

MAMMOTH FINEST MIXED...... 10

FINE MIXED...... 5

LEMON VERBENA. Lemon-scented foliage..... 10

VIOLA ODORATA. (Sweet Violet.)

A charming little perennial, highly prized on account of its delicious fragrance. Succeeds best in a sheltered location..... 10

VIRGINIA STOCK.

A pretty, hardy annual, adapted for growing in small beds or for edgings. 5
RED AND WHITE MIXED..... 5

VISCARIA.

Very pretty, profuse-flowering, half-hardy annual, producing a fine effect in beds or mixed borders, and growing readily in any soil. 5
FINE MIXED..... 5

WALLFLOWER.

Very fragrant and ornamental, half-hardy perennial, suitable for background and amongst shrubbery. 5
FINE MIXED..... 5

WHITLAVIA.

Charming hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers; fine for ribboning or mixed borders; 1 ft. 5
FINE MIXED..... 5

WILD CUCUMBER VINE.

A very rapid growing climber, which reaches a height of 20 feet in one season. It is covered with clusters of white, sweet-scented flowers, followed by an abundance of ornamental prickly seed pods. It will quickly cover a trellis, pillar, or an unsightly building, and will reproduce itself from self-sown seed every year. Soak seed over night in warm water. Hardy annual..... 5

ZEA. (Japanese Maize.)

Per Pkt.

An ornamental foliage plant. Grows to the height of four or five feet, furnished from the bottom with long, wavy leaves, broadly ribboned with alternate stripes of white and green.

STRIPED..... 5

ZINNIA.

A most splendid class of hardy annuals, and one of the finest summer flowering plants. The flowers are large, handsome and in a very great variety of colors, blooming throughout the whole season. Start early in pots or under glass and transplant one foot apart.



DOUBLE ZINNIA.

HAAGEANA. Double, orange; 1 ft..... 5
NEW ZEBRA. Double dwarf; finest mixed..... 10
ELEGANS. Single; fine mixed..... 5
FINEST DOUBLE MIXED..... 5

WILD GARDEN SEED.

A mixture of over one hundred varieties of flower seeds..... 5



Wire Guards for Flower Beds.

Made of heavy galvanized wire, and will last for years. Affords excellent protection to plants, and are easily set up and taken down.

Height, 16 and 22 inches.

PRICE—16 in., " " " " Per foot 15c.
22 in., " " " " " " 20c.

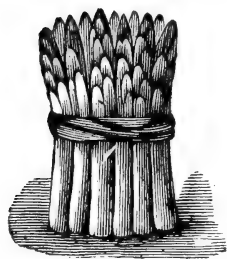
...A GENERAL LIST OF...

Vegetable Seeds.

We forward seeds by **Mail** or **Express** as the purchaser may wish. When ordered by mail, add postage for beans and peas at the rate of 15 cents per quart, and for corn 10 cents per quart to Catalogue prices.

Half pounds furnished at Pound Rates.

Half bushels furnished at Bushel Rates.



ASPARAGUS.

Sow early in May, thinly, in rows one inch deep and two feet apart. The next season plant in drills two inches deep and two feet apart, spreading the roots well out, in ground thoroughly manured and trenched, at least two feet deep.

	Pkt.	Oz.	½ lb.	Lb.
Conover's Colossal. The best variety.....	.05	.10	.15	.40
Conover's Colossal Roots. 2 years old, per 100.....	\$1.25			

In consequence of the great bulk of asparagus roots we cannot send them by mail.

ENGLISH BEANS.

Plant as early in the spring as the ground can be worked, from two to four inches apart, in drills from twenty-four to thirty inches apart. As soon as the plants are in full blossom, and the lower pods begin to set, pinch off the tops; this will insure the filling of the pods and hasten the maturity of the seed.

Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage. Pints furnished at quart rates.

	Pkt.	Qt.	Pk.
Broad Windsor. The best sort; very hardy.....	.10	.30	\$1.25

BEANS—Dwarf or Bush.

A succession of sowings can be made from the first week in May until August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart. One quart is sufficient for one hundred feet of drill; 1½ bushels for one acre in drills.

	Qt.	Pk.	Bu.
Burpee's Bush Lima. The only bush form of the true large Lima bean. The bushes grow eighteen to twenty inches high. Is an immense yielder of handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Lima.....	.35	\$2.00	\$6.50
Burpee's Stringless Green Pod. Very early. Pods four and a half to five and a half inches long, nearly round, slightly curved, light green in color, flesh tender and of the best quality.....	.40	2.50	
Lowe's Champion. Early, hardy, thrifty and enormously productive; combines extreme tenderness and delicious flavor, being absolutely without strings to the pods, and excels many other varieties as a snap or string bean. As a shell bean it has but few equals, and is of splendid flavor when cooked dry.....	.30	1.75	
Early Long Yellow Six Weeks. Hardy and prolific.....	.25	1.25	4.50
Early Valentine. Round pods, early, good flavor.....	.25	1.25	4.50
Early Mohawk. Very productive and of good quality.....	.25	1.25	4.50
Dwarf Horticultural. A fine early shell bean.....	.35	2.00	
Milliken's Wax. An extra early variety. The bushes grow from 12 to 16 inches high, producing golden yellow pods that are entirely stringless and free from blight or rust. Very productive.....	.35	2.00	
Wardwell's Kidney Wax. Hardy and vigorous vine, producing a heavy crop of handsome yellow pods, stringless and brittle. Beans large, kidney shaped.....	.40	2.50	

BEANS—Continued.

	Qt.	Pk.	Bu.
Early Golden-Eyed Wax. Hardy and prolific, with flat, yellow pods.....	.30	\$2.00	\$6.00
Davis' White Wax. Pods and seeds white and of rich flavor.....	.40		
Golden Wax. Very early; round golden pods.....	.35	2.00	7.00
Black Wax. Pods yellow; a superior snap bean.....	.35	2.00	6.50
Currie's Rust-Proof Wax. Pods long, flat, tender and of fine quality.....	.35	2.00	6.50
Snowflake Pea. A decided improvement on the common pea bean. Enormously productive and very early.	.20	1.00	3.50
Improved Yellow Eye. Very prolific; fine for baking.	.15	.90	3.00

**KENTUCKY WONDER.****BEANS—Pole or Running.**

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

One quart will plant one hundred and fifty hills; ten to twelve quarts to the acre.



* HALF SIZE GOLDEN CARMINE *

GOLDEN CARMINE HORTICULTURAL POLE BEAN.

A New Strain of Horticultural Pole of Sterling Merit.

Excels in Earliness, Quality, Handsome Appearance and Productiveness.

This new strain is a wonderfully robust grower, a week to ten days earlier than London Horticultural. The pods are large, stringless, bright golden color, streaked with carmine, which gives the pods a strikingly beautiful and attractive appearance, which, together with its productiveness, will make it a most desirable and popular bean.

Qt., 35c.; Pk., \$1.75; Bu., \$6.00

	Qt.	Pk.	Bu.
London Horticultural. An old favorite. Very productive and excellent as a snap or shell bean.....	.25	\$1.50	\$5.50
Red Cranberry. Almost stringless; one of the very best of string beans.....	.25	1.50	5.50
Lazy Wife's. Abundantly productive, and of excellent flavor, with long, green, fleshy and stringless pods.	.25	1.50	5.50
Kentucky Wonder. Very productive, and of fine quality. Entirely stringless pods, of a silvery green color.....	.25	1.50	5.50
Indian Chief. A very tender snap bean; yellow pods.....	.25	1.50	5.50
White Case Knife. Good green-podded variety.....	.25	1.50	5.50
Large Lima. A large, late variety of excellent flavor.....	.35	2.00	6.50
Small Lima. Earlier and hardier than the preceding.....	.35	2.00	6.50
Scarlet Runner. Very ornamental, free climber, with bright scarlet flowers, pkt. 10c..	.30	1.75	
White Runner. Similar to above, flowers being white.....	Pkt. 10c.	.30	1.75

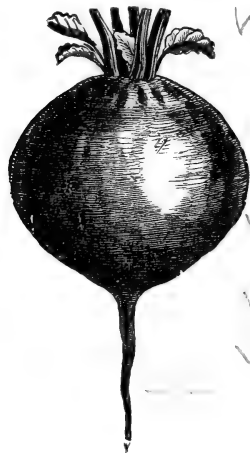
BEET.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop, sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised. One ounce to fifty feet of drill; six pounds to the acre.



DIRIGO
EXTRA
EARLY
BEET.

- | | Pkt. | Oz. | ½ lb. | Lb. |
|--|------|-----|-------|-----|
| ✓ Dirigo Extra Early. A rich, blood-red beet of fine grain and flavor and is earlier than either the Egyptian or the Eclipse..... | .05 | .10 | .25 | .75 |
| ✓ Egyptian Blood Turnip. Very early and of rapid growth; color, deep crimson; of excellent quality.... | .05 | .10 | .20 | .50 |
| ✓ Crosby's Egyptian. An improved strain of the Egyptian beet | .05 | .10 | .25 | .60 |
| ✓ Eclipse. This variety is about as early as the Egyptian, but larger and of finer quality; color, dark crimson.. | .05 | .10 | .20 | .50 |



DEWING'S TURNIP
BLOOD BEET.

- | | | | | |
|---|-----|-----|-----|-----|
| ✓ Edmand's Early Turnip. A variety of handsome round shape. The skin is deep blood red in color, the flesh very dark and exceedingly sweet and tender in quality.... | .05 | .10 | .20 | .50 |
|---|-----|-----|-----|-----|

- | | Pkt. | Oz. | ½ lb. | Lb. |
|---|------|-----|-------|-----|
| ✓ Dewing's Blood Turnip. Of fine form and flavor, and deep blood red; a desirable variety..... | .05 | .10 | .20 | .50 |
| ✓ Detroit Dark Red. Similar in shape to the Dewing's, of dark red color, with small tops..... | .05 | .10 | .20 | .50 |
| ✓ Long Smooth Blood Red. This is a long, smooth beet, growing to a good size; color, dark blood red..... | .05 | .10 | .20 | .50 |
| Swiss Chard. Leaves used as greens, and mid rib cooked and served as asparagus..... | .05 | .10 | .20 | .50 |
- Varieties grown for feeding stock. Sow in May or June—6 lbs. per acre.

- | | Oz. | ½ lb. | Lb. |
|---|-----|-------|-----|
| White French Sugar Beet. Largely cultivated for feeding..... | .05 | .12 | .30 |
| Lane's Imperial Sugar Beet. A greatly improved variety of the White French Sugar.. | .05 | .15 | .35 |
| Allen's Mammoth Long Red Mangel Wurzel. A variety producing roots of mammoth size..... | .05 | .12 | .30 |
| Norbiton Giant Mangel Wurzel. Extra fine long red; very large | .05 | .12 | .30 |
| Yellow Globe Mangel Wurzel. Roots of large size and globular form; very productive..... | .05 | .12 | .30 |
| Carter's Warden Orange Globe Mangel Wurzel. The very best globe-shaped variety in cultivation..... | .05 | .12 | .30 |
| Golden Tankard Mangel Wurzel. Bright yellow; very productive..... | .05 | .12 | .30 |

BROCCOLI.

Broccoli is nearly allied to the cauliflower, and may be regarded as a variety of that delicious vegetable. It is hardy and sure to head, but inferior in flavor.

- | | Pkt. | Oz. |
|---|------|-----|
| Purple Cape. Heads greenish purple; a good variety..... | .05 | .30 |
| White Cape. Very white; sure to head; standard sort..... | .05 | .30 |

BRUSSELS SPROUTS.

Produces from the stem small heads resembling cabbage in miniature. The sprouts are used as greens and become very tender when touched by the frost. Sow in May and manage as winter cabbage.

- | | Pkt. | Oz. | ½ lb. | Lb. |
|--|------|-----|-------|-----|
| Improved Dwarf. A variety of excellent quality..... | .05 | .15 | .30 | .50 |

CABBAGE.

The cabbage is one of the most important vegetables, and some of its varieties are universally cultivated. The ground must be highly manured, deeply dug or ploughed, and thoroughly worked, to insure good, full-sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hot-beds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

One ounce will produce about 3,000 plants.

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

COLUMBIA. One of the earliest and most compact of all large early cabbage. Is hardy and vigorous; produces splendid solid heads, of marketable size, and is recommended as the peer of all summer varieties

.10 .40 \$1.25 \$4.00

Early Jersey Wakefield. A standard early variety for home use or market..... .05 .25 .75 2.50

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

Henderson's Early Summer. The earliest of large cabbages, coming in but a few days later than the Wakefield; heads of large size, very solid and compact.....

.05 .20 .60 \$2.00

Early Winningstadt.

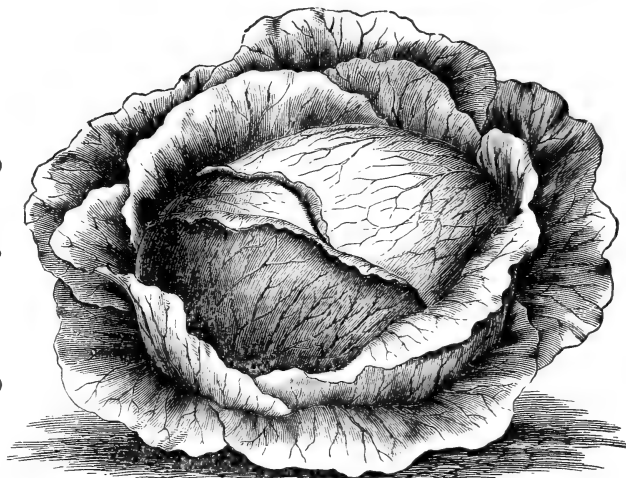
An excellent sort; heads of large size..... .05 .15 .50 1.75

All Seasons. Larger than Henderson's Early Summer, nearly as early; very solid and sure heading.....

.05 .20 .60 2.00

Fottler's Improved Brunswick. An excellent early Drumhead variety; produces a firm and solid head.....

.10 .25 .75 2.50



FOTTLER'S IMPROVED BRUNSWICK CABBAGE.

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

Premium Flat Dutch. A standard late variety..... .05 .15 .50 \$1.75

Stone-Mason Drumhead. One of the very best for a main crop..... .05 .20 .65 2.25

STONE-MASON DRUMHEAD. Cape Elizabeth grown. A great improvement on the above, being absolutely reliable, and having a medium-sized, round, hard head. An excellent winter variety..... .10 .35 1.00 3.50

Henderson's Succession. An excellent, second-early or late sort..... .05 .20 .60 2.00

Marblehead Mammoth Drumhead. The largest variety of Drumheads..... .05 .20 .60 2.00

DANISH BALL HEAD OR HOLLANDER. Cape Elizabeth grown. A valuable, perfectly round, solid, winter variety. Is a long keeper, and profitable for shipping, keeping long after other sorts have gone. .10 .40 1.25 4.00

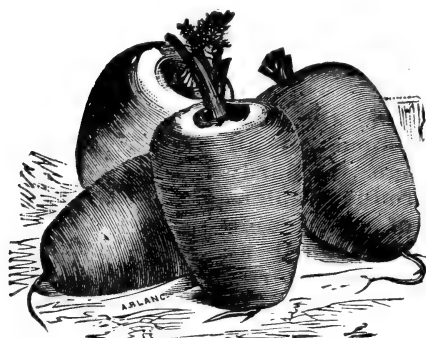
Danish Ball Head (imported)..... .05 .25 .75 2.50

Improved American Savoy. Very sweet and tender; good sized, firm heads; very reliable and much esteemed for family use..... .05 .20 .65 2.25

Mammoth Red Rock. Used almost exclusively for pickling..... .05 .20 .60 2.25

CARROT.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart and cultivate by hand. For early crops, cover one-half an inch deep, and thin to six inches apart in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.



OXHEART CARROT.

One ounce to one hundred feet of drill; three to four pounds to the acre.

	Pkt.	Oz.	½ lb.	Lb.
Early French Forcing. The earliest variety; valuable for forcing .....	.05	.10	.30	\$1.00
Early Horn. Early, fine grain, medium size. An excellent table sort. ....	.05	.10	.25	.85
Oxheart. Very thick and short, fine grained and sweet. ....	.05	.10	.25	.75
Chantenay. A choice variety; longer than the Scarlet Horn, and a little broader at the top. ....	.05	.10	.25	.75
Danver's Half Long. In form it is midway between the Long Orange and Short Horn. The root is of a rich, dark orange color, and grows very smooth. Very productive and keeps well. ....	.05	.10	.25	.75
Improved Long Orange. The best late variety. Roots of large size, heavy cropper, an excellent keeper .....	.05	.10	.25	.75
Large White Belgium. Large, long-rooted variety; valuable for feeding. ....	.05	.10	.20	.60

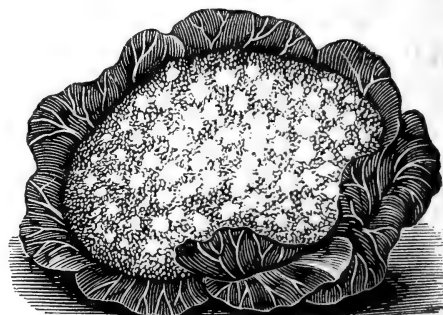
CAULIFLOWER.

Any soil that will grow early cabbages will grow cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.

One ounce will produce about 3,000 plants.

	Pkt.	Oz.
Extra Early Dwarf Erfurt. The earliest variety; large, compact heads, of fine quality. ....	.15	\$2.00
Henderson's Early Snowball. One of the early sorts. Very reliable and grown largely for the market. ....	.20	2.00
Ghorburn's Gilt-Edge. Large, heavy sort; one of the best and surest of all the sorts now in cultivation .....	.20	2.25
Carter's Dwarf Mammoth. A hardy variety, of dwarf and compact habit, with a firm, white head; stands dry weather .....	.10	1.00



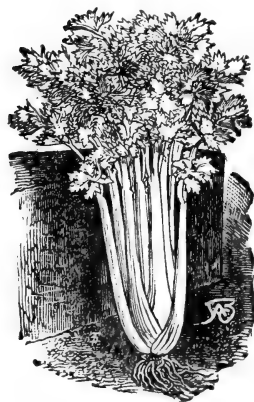
CAULIFLOWER.

CELERY.

To have celery early it should be sown in a hot-bed, quite early in the spring, and when three inches high plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop sow early in the spring, very shallow in the seed-bed, and when the plants are about six inches high transplant them six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well-rotted manure, and mix thoroughly half a spade deep with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch three or four times during their growth, taking care that no earth falls in the center of the plant.

One ounce of seed produces about 4,000 plants.

	Pkt.	Oz.	½ lb.
Boston Market. A favorite variety, remarkable for its tender, crisp and succulent stems, and its peculiarly mild flavor; keeps well. ....	.05	.20	.60
Henderson's White Plume. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in blanching. Very early and handsome. ....	.05	.20	.60



GOLDEN SELF-BLANCHING CELERY.

CELERY—Continued.

	Pkt.	Oz.	½ lb.
Pink Plume. Similar to White Plume, except in color; of superior quality and a compact grower.....	.05	.20	.60
Golden Self-Blanching. A fine, solid variety, of a beautiful waxy, golden color; very thick stalks of excellent flavor; growth close, compact and of medium height....	.05	.30	\$1.00
Giant Pascal. An easily blanched variety, superior for late use .....	.05	.20	.60 Lb.
Soup Celery. Used for flavoring pickles, soups, etc.....	.05	.15	.40

CHERVIL.

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.....	Pkt.	Oz.	½ lb.
	.05	.10	.25

CHICORY.

Large Rooted. Used to mix with, or as a substitute for, coffee. Cultivation same as the carrot.....	Pkt.	Oz.	½ lb.
	.05	.10	.25

CORN—Sweet.

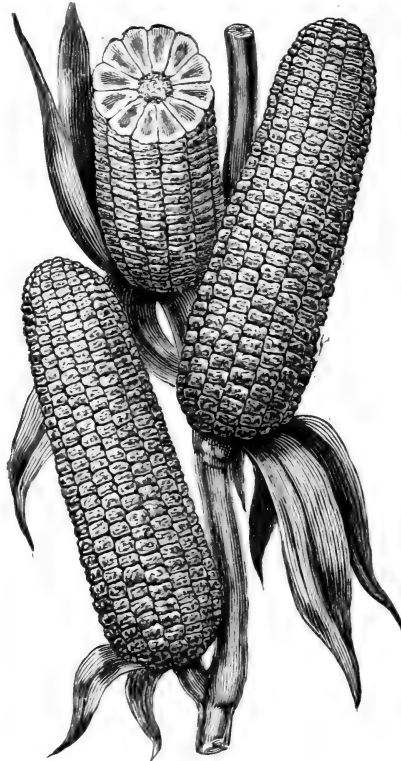
The sweet or sugar varieties, being liable to rot in cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July, in rich, well-manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

One quart to two hundred hills; ten quarts to an acre.

Corn ordered by mail is subject to an extra charge of 10c. per qt. for postage. Pints furnished at quart rates.

PEEP O' DAY. Extremely early, very sweet, and one of the first to mature. Stalks from 3 1-2 to 4 1-2 feet in height, with from 2 to 5 ears each. Small, white cob, with rich, tender kernel.....	Pkt.	Pt.	Qt.
	.10	.20	.30
Cory. Very early, dwarf variety, desirable for private or market gardens.....	Pkt.	Qt.	Pk.
	.05	.20	\$1.00 \$3.00
White Cory. Similar to the above, but white cob.....	Pkt.	Qt.	Pk.
	.05	.20	1.00 3.00

Burbank's Early. As early as the Cory. Has a pure white cob, with a rich cream-white kernel, sweet and juicy.....	.05	.20	1.00 3.00
Early Marblehead. This resembles very closely the Cory, but is not quite as early.....	.05	.20	1.00 3.00
CROSBY'S EXTRA EARLY. The best early sort, very sweet and of fine flavor. Ears rather short, averaging from twelve to sixteen rows. An excellent market variety, and largely grown for canning. Our own growing from stock obtained from the originator.....	.10	.25	1.50
Early Crosby. Similar to the above; nearly ten days later.....	.05	.20	1.00 3.00



Allen's Golden. A second early variety of vigorous growth; very productive; quality unsurpassed.....	.10	.25	
Shoe Peg or Ne Plus Ultra. A late variety, of medium height; kernel small, deep, tender, and of richest flavor; very productive.....	.10	.25	1.50
Stowell's Evergreen. A late variety of excellent quality, remaining longer in the green state than any other kind.....	.05	.20	1.00 3.00
Potter's Excelsior. Twelve rowed, very sweet and tender.....	.05	.20	1.00 3.00

CROSBY'S EXTRA EARLY SWEET CORN.

Country Gentleman. Medium early and productive.....	.05	.20	1.00 3.00
Black Mexican. Grain bluish-black, especially rich in sugar qualities.....	.05	.20	1.00 3.00

FIELD AND ENSILAGE CORN.

	Qt.	Pk.	Bu.
Winn's Hybrid. A very fine field variety, with large ears; safe to plant in this state; yields large crops.....	.20	.75	\$2.50
Longfellow. A fine field variety, having very long ears, small cob, and large kernel.....	.20	.60	2.00
Evergreen Fodder. The best and sweetest corn for ensilage.....	.60		2.00
Red Cob Ensilage. A pure white corn. Is tender and juicy, has short joints, and grows to a great height, with an abundance of leaves.....		.35	1.25
Leaming. An early, very productive variety. One of the best for ensilage; profitable as a green fodder.....		.35	1.25
Early Sanford. Very early; ears white; excellent for fodder and ensilage.....	.40		1.35

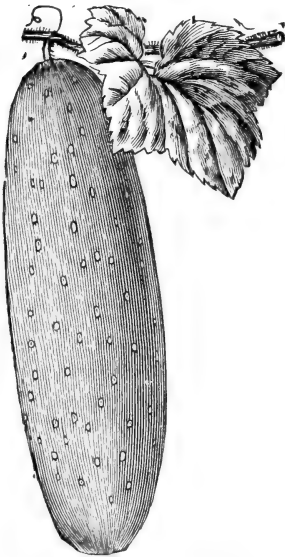


EVERGREEN FODDER CORN.

CRESS OR PEPPERGRASS.

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

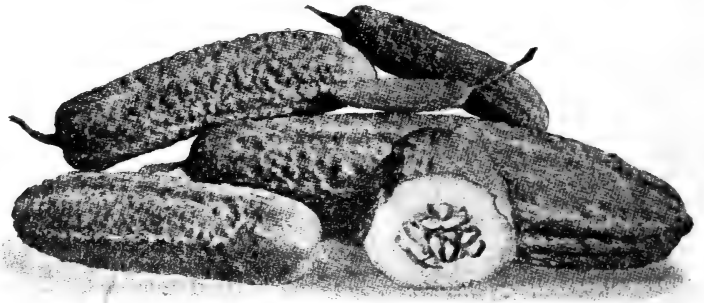
	Pkt.	Oz.	½ lb.
Extra Curled. Very fine; may be cut two or three times.....	.05	.10	.20
Water Cress. A hardy perennial aquatic plant, growing in water along the margins of streams.....	.10	.40	\$1.25



IMPROVED WHITE SPINE CUCUMBER.

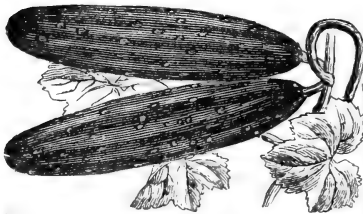
CUCUMBER.

The cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed best in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction. When all danger from insects is passed, leave but three or four of the strongest plants in the hill. One ounce to fifty hills.



CUMBERLAND CUCUMBER.

	Pkt.	Oz.	½ lb.	Lb.
CUMBERLAND. A new variety of the Improved White Spine type. Particularly valuable, being a splendid table sort and excellent for pickling. Color, deep green, with white tip; flesh firm; very crisp and tender.....	.05	.15	.40	\$1.00



LONG GREEN CUCUMBER.

Early Russian. The earliest variety.....	.05	.10	.25	.75
Early Frame. An early standard variety, about five inches long.....	.05	.10	.25	.75
Improved White Spine. Superior for table use; very productive; medium size, straight and well formed; a favorite market variety.....	.05	.10	.25	.75
Early Green Cluster. Grows in clusters; early and productive.....	.05	.10	.25	.75
Short Green. Similar to Early Frame.....	.05	.10	.25	.75
Long Green. Long and crisp; a popular and reliable variety for pickling.....	.05	.10	.25	.75
Boston Pickling. The finest variety to grow for pickles; yields large crops; short, straight and dark green.....	.05	.10	.25	.75
West India Gherkin. Small prickly variety; grown exclusively for pickling.....	.05	.15	.50	
Japanese Climbing. Quick, strong growing vines, which may be trained upon a trellis or poles. Fruit from 12 to 16 inches in length, skin dark green, flesh pure white, crisp and fine flavor.....	.05	.15	.50	

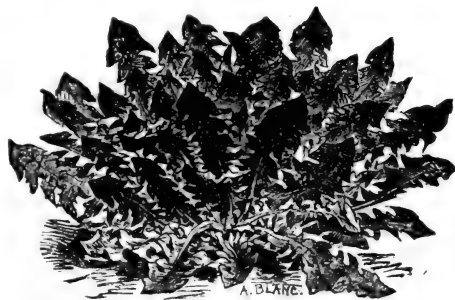
English Frame Varieties. Should be grown in hot-beds.

TELEGRAPH CARTER'S MODEL, TENDER AND TRUE, Pkt., 25c.

DANDELION.

A hardy perennial plant, with broad, thick leaves, affording one of the earliest as well as one of the most healthful of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

One ounce to one hundred feet of drill.



Improved French Thick-Leaved.

The best variety Pkt. Oz. ¼ lb. Lb.

IMPROVED FRENCH THICK-LEAVED DANDELION.

EGG PLANT.

The egg plant will thrive well in any good garden soil. Sow in the hot-bed, and when two or three inches high prick out into pots or rows, two and one-half to three inches apart. When the weather will permit, transplant into good, rich soil, thirty inches apart each way.

	Pkt.	Oz.	¼ lb.	Lb.
<i>New York Improved Purple.</i> The leading market variety; very productive . . . . .	.10	.30		
<i>Early Long Purple.</i> Hardy and productive . . . . .	.10	.25		
<i>White.</i> Choice, for ornamental use . . . . .	.10	.25		

ENDIVE.

For early use, sow in May, scattering the seed thinly in drills ten inches apart, covering it lightly, and for succession every two or three weeks until mid-summer. The plants must be blanched before using, which is accomplished by gathering the large outer leaves to a point at the top, and tying them together.

	Pkt.	Oz.
<i>White Curled.</i> For early use . . . . .	.05	.15
<i>Green Curled.</i> Best for late crop . . . . .	.05	.15

KALE OR BORECOLE.

Sow early in May in a prepared bed, covering the seed lightly. Transplant in June, and treat in the same manner as for cabbage.

	Pkt.	Oz.	¼ lb.
<i>Green Curled Scotch.</i> A round dwarf variety, rarely exceeding eighteen inches in height, but spreading out under good cultivation to three feet in diameter. . . . .	.05	.10	.30

KOHLRABI.

A vegetable intermediate between the cabbage and turnip. It is best cultivated by sowing the seeds in rows, in May, June and July, according to latitude.

	Pkt.	Oz.	¼ lb.	Lb.
<i>Early White.</i> Flesh white and tender; the best market sort . . . . .	.05	.25	.60	\$2.00
<i>Early Purple.</i> Differing from the above in color, being of a bluish purple . . . . .	.05	.25	.60	2.00

LEEK.

The leek is very hardy and easily cultivated. It succeeds best in a light, well-enriched soil. Sow as early in the spring as practicable, in drills one inch deep, and one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

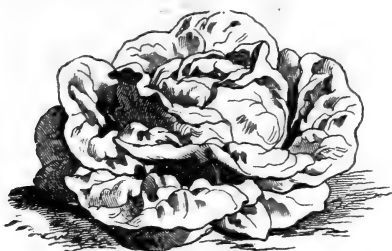
	Pkt.	Oz.	¼ lb.	Lb.
<i>London Broad Flag.</i> A large variety with broad leaves . . . . .	.05	.15	.35	\$1.00

LETTUCE.

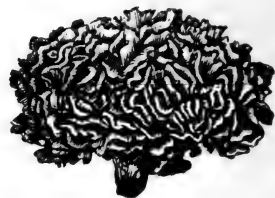
Lettuce thrives best in rich, moist ground. Sow the seeds in hot-beds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowing may be made in the open ground as early as spring opens, and continuing until July.

One ounce to one hundred and twenty feet of drill.

LETTUCE—Continued.



VICTORIA CABBAGE LETTUCE.



BOSTON CURLED LETTUCE.

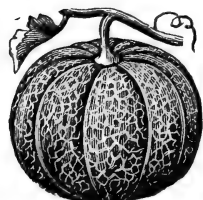
	Pkt.	Oz.	½ lb.
Hittinger's Belmont Forcing. Larger than the White-seeded Tennisball, nearly as early and of excellent quality; a choice strain for forcing.....	.10	.40	\$1.50
Early Curled Silesia. Fine for summer use.....	.05	.20	.50
Victoria Cabbage. Hardy and fine for early sowing.....	.05	.20	.50
Black-Seeded Tennisball. Popular for open-air culture; heads compact, crisp and tender.....	.05	.25	.75
White-Seeded Tennisball. A good early sort, used largely for forcing.....	.05	.25	.75
Boston Curled. A variety of great beauty and of very superior quality. Leaves beautifully curled; attractive on table.....	.05	.25	.75
Hanson. Heads very large, solid, tender, crisp and of fine flavor; color beautiful green outside and white within.....	.05	.20	.50
Salamander. A fine summer lettuce. Is slow to run to seed, and will stand the drought and heat better than other varieties.....	.05	.20	.50
Deacon. Large and very solid heads, crisp and tender.....	.05	.20	.50
Big Boston. Fine for forcing in cold frames, and for planting in the open ground.....	.05	.20	.50
Brown Dutch. A large, hardy variety.....	.05	.20	.50

MARTYNIA.

A strong growing, hardy annual, with curious-shaped seed-pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance, and should be gathered when about half grown. Plant in May or June, in rows two feet apart, making hills about a foot apart.

	Pkt.	Oz.	½ lb.
Martynia Probosidea. Best for pickling.....	.05	.25	.75

MELON—Musk.

MONTREAL
MELON.

Melons thrive best in a moderately enriched, light soil. The hills should be six feet apart each way. After all danger of frost is passed, plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants.

One ounce to sixty hills; two to three pounds for an acre.

	Pkt.	Oz.	½ lb.	Lb.
Emerald Gem. Medium size; flesh rich salmon, of delicious flavor and superior quality; early and prolific.....	.05	.15	.40	\$1.25
Green Citron. Fruit medium size, deeply netted, shape nearly round; flesh green, and of rich, delicious flavor.....	.05	.10	.25	.75
Montreal. Large, round netted; flesh thick and light green...	.05	.10	.25	.75
Large Round Yellow Cantaloupe. Flesh reddish orange, sweet and of good flavor; an early and productive variety.....	.05	.10	.25	.75
Large Yellow Musk. A very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for "Mangoes".....	.05	.10	.25	.75
Surprise. Very early; medium size; salmon colored; flesh of superior flavor.....	.05	.10	.25	.75
Rocky Ford. Flesh green; medium size; oval shape.....	.05	.10	.25	.75

MELON—Water.

Plant in hills eight feet apart and cultivate same as musk melon. One ounce for thirty hills; four to five pounds to the acre.

	Pkt.	Oz.	½ lb.	Lb.
Mountain Sweet. An old and reliable sort; flesh red.....	.05	.10	.25	.75
Black Spanish. Fruit of large size, almost round; skin dark green; flesh red.....	.05	.10	.25	.75
Phinney's Early. Productive, early and finely flavored; flesh red.....	.05	.10	.25	.75
Scaly Bark. The flesh is light crimson in color, very tender and fine flavor.....	.05	.10	.25	.75
Citron. The standard variety for preserves.....	.05	.10	.25	.75

MUSHROOM SPAWN.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure and lay it in a heap to ferment; turn and mix it well every few days, and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees, the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick. If the temperature is right, mushrooms will begin to come up in about six to eight weeks, and the bed will continue bearing for about a month.



MUSHROOM.

English Spaten.In bricks, per lb., 15 cts.; 8 lbs., \$1.00
By mail, add 10 cents per pound for postage.

MUSTARD.

A pungent salad used with cress. The seed is used for flavoring pickles, etc. Sow in May thickly in rows and cut when two or three inches high.

One ounce to forty feet of drill.

	Oz.	$\frac{1}{4}$ lb.	Lb.
White London. Best for salads .....	.05	.10	.25
Brown or Black. .....	.05	.10	.25

OKRA.

Sow late in the spring, after the ground has become warm, in drills three feet apart, where the plants are to remain. Thin out from nine to twelve inches. They should be well manured. They may also be raised in pots, or in a hot-bed, and transplanted.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Improved Dwarf Green. Small, green, round, smooth pods. ....	.05	.10	.20

ONION.

No vegetable is more extensively known and cultivated than the onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as soon as possible in the spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

One ounce to one hundred feet of drill; five pounds to the acre.



**YELLOW GLOBE DANVERS
ONION.**

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Yellow Cracker. Flat, early onion, of mild and delicate flavor, and a good keeper. ....	.05	.15	.40	\$1.25
Yellow Globe Danvers. Extra choice Maine grown seed, raised expressly for market garden trade. This is far superior to western grown seed, being much earlier. It is sure to produce a good crop in any locality. The Yellow Danvers is the most profitable variety to raise; is very productive, a good keeper and of mild flavor. ....	.05	.20	.65	2.00
Yellow Globe Danvers. Grown from Buxton stock; a standard variety. ....	.05	.15	.35	1.25
Large Red Wethersfield. Large size, productive and a good keeper. ....	.05	.15	.35	1.00
Extra Early Red Globe. Ten days earlier than the Wethersfield, of medium size and deep, rich color; an abundant producer, and of good form and flavor, keeping well. ....	.05	.15	.40	1.25
Prizetaker. Large, pale yellow onion; flesh white; mild flavor. ....	.05	.15	.50	1.50
White Portugal. A mild and desirable summer variety; extensively grown for pickling. ....	.05	.20	.50	1.75
New Queen. A silver-skinned variety, of quick growth and remarkable keeping qualities. ....	.05	.15	.60	1.75

ONION SETS.

Onion sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any good soil.

Add ten cents per quart if sent by mail.

	Qt.	Pk.
White Onion Sets.....	.25	\$1.25
Yellow Onion Sets.....	.20	1.00
Potato Onion Sets.....	.20	1.25
Top Onion Sets.....	.20	1.00



ONION SETS.

For larger quantities, prices will be given on application.

PARSLEY.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use protect in a glass frame or light cellar.

One ounce to one hundred and fifty feet of drill.

	Pkt.	Oz.	½ lb.
Extra Double Curled.....	.05	.10	.20
Fern Leaved.....	.05	.10	.20

PARSNIP.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in rows. Unlike carrots they are improved by frosts, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

One ounce to two hundred feet of drill; five pounds to the acre.

	Pkt.	Oz.	½ lb.	Lb.
Arlington Long White. Roots very long and smooth; one of the best for market gardeners.....	.05	.10	.20	.50
Abbott's Improved. Smooth and quite large; one of the best.....	.05	.10	.20	.50
Hollow Crown. Roots very long, growing mostly below the surface of the ground.....	.05	.10	.20	.50

PEAS.

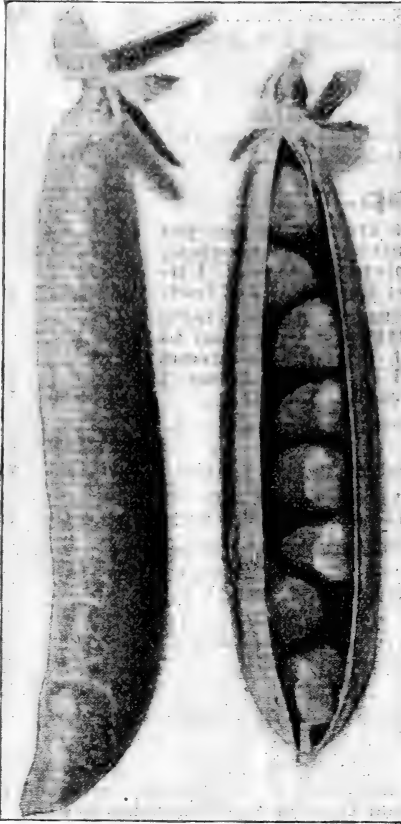
Peas, for an early crop, should be sown as soon as the ground is in a working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mold, has a beneficial effect; but for many of the varieties the soil cannot be too rich. For general crops, the ground should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

One quart to seventy-five feet of drill; from one to two bushels to the acre.

Peas ordered by mail are subject to an extra charge of fifteen cents per quart for postage. Pints furnished at quart rates.



PEAS—Continued.



GRADUS PEAS.

EXTRA EARLY.

✓ **GRADUS.** One of the earliest large-podded peas grown, being extra early, combining quality, size and productiveness, quality resembling the Telephone.

Produces healthy, vigorous vines 2 1-2 feet high, with dark-green foliage, bearing well-developed pods, containing from 8 to 10 large peas of fine flavor..... .35 \$2.00 \$7.50

✓ **THOMAS LAXTON.** One of the best early wrinkled varieties; pods large and well filled with peas of finest flavor. Hardy and extremely productive..... .35 2.25 8.00

✓ **NOTT'S EXCELSIOR.** Robust and vigorous in growth, inclined to throw out laterals from the base of the stalk, producing in profusion long, handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific, with larger pods and more peas than either the Wonder or Premium Gem. A decided acquisition; height, 12 inches..... .25 1.50 5.25

✓ **Cleveland's Alaska.** The finest blue seeded extra early pea, with dark green colored pods; uniform in growth and almost entirely free from sports or runners; height, 2½ feet..... .20 1.00 3.00

✓ **Cleveland's Eclipse.** This pea is a very early variety, a vigorous grower and a large producer, with pods of good size and true American Wonder in shape. Seeds green and wrinkled and of sweet and delicious flavor; height, 2 feet..... .30 1.75 6.00

✓ **Bliss' American Wonder.** One of the earliest wrinkled sorts; grows about 9 inches high, and is covered with well-filled pods..... .25 1.50 5.25

✓ **McLean's Little Gem.** A dwarf green, wrinkled marrow of superior flavor; 1 foot.... .20 1.25 4.00

✓ **Carter's Premium Gem.** A very fine dwarf, wrinkled pea, an improvement on Little Gem; 1 foot..... .20 1.25 4.00

✓ **Laxton's Alpha.** One of the earliest wrinkled peas, of fine quality and very prolific; pods large and well filled; 2½ feet..... .20 1.25 4.00

✓ **Cleveland's Rural New Yorker.** Very early, prolific, uniform in ripening; height, 2½ feet..... .20 1.00 3.50

✓ **Carter's First Crop.** One of the earliest varieties; 2½ feet..... .20 1.00 3.50

✓ **Improved Daniel O'Rourke.** A favorite early variety, and a good bearer; 3 feet.... .20 1.00 3.50

✓ **Philadelphia Extra Early.** Good early variety; 3 feet..... .20 1.00 3.50

Second Early Varieties.

✓ **Dwarf Telephone.** A choice variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height, 18 inches, stocky, healthy and vigorous, with almost no tendency to sport; and from 5 to 7 days earlier than the Stratagem. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor..... .35 2.50

✓ **Heroine.** A medium early, green, wrinkled variety; pods remarkably long and handsome, slightly curved, well filled with large peas; 2 feet..... .20 1.25 4.00

PEAS—Continued.

	Qt.	Pk.	Bu.
✓ McLean's Advancer. A second early, green, wrinkled, market variety; pods long and well filled with peas of fine flavor; 2 feet.....	.20	\$1.25	\$4.00
✓ Horsford's Market Garden. An excellent wrinkled variety, productive and of good quality; 2 feet.....	.20	1.00	3.50
✓ Bliss' Abundance. Of dwarf, bushy habit; pods large, full and numerous; should be sown thinly; 1½ feet.....	.20	1.00	3.50
✓ Duke of Albany. Resembling Telephone in appearance; vine more dwarf, while the pods are larger and produced in greater abundance; height, 2½ to 3 feet.....	.25	1.75	5.75

For General Crop.

✓ ADMIRAL DEWEY. A new variety, entirely distinct from any pea yet grown. Foliage, vine and pods rich, dark green. Healthy and vigorous, producing pods of largest size, filled with peas of splendid flavor. Undoubtedly the best of all long vine, large podded peas; height, 3 1-2 feet.....	.25	1.75	6.00
✓ CARTER'S IMPROVED TELEPHONE. An improvement on Carter's Telephone for PURITY and UNIFORMITY of HABITS, being true to name, showing no tendency to small, late pods, but bearing in great abundance LARGE, HANDSOME, FINELY FORMED PODS, from 5 to 7 inches in length. A superior wrinkled variety; height, 3 feet.....	.25	1.50	5.00
✓ Champion of England. A well-known popular variety, unsurpassed in flavor, and very productive; 5 feet.....	.20	1.00	3.50
✓ Yorkshire Hero. A green, wrinkled variety, of branching habit and fine flavor; 2½ feet.....	.20	1.00	3.50
✓ Improved Stratagem. One of the best of the large, wrinkled varieties, with pods of immense size, uniformly filled with very large, dark-green peas of the finest quality; 2 ft.....	.35	2.00	7.00
✓ Bliss' Everbearing. Fine wrinkled marrow; pods three to four inches long, well filled with large peas; 2 feet.....	.20	1.00	3.50
✓ Royal Dwarf White Marrowfat. One of the best late sorts; white seeded; very productive; 3 feet.....	.15	.75	2.50
✓ Black-Eyed Marrowfat. This, as well as the preceding, is extensively grown as a field pea; hardy and productive; 4 feet.....	.15	.75	2.50
✓ Melting Sugar. Superior to all others of the edible pod sorts.....	.25	1.25	4.00
✓ White Canada Field......	.10	.50	1.75

PEPPER.

Grown largely for pickles. Sow in hot-beds early in April and transplant to the open ground when the weather is warm and settled. The rows should be two feet apart and the plants fifteen inches apart in the rows. Rich, warm, mellow soil.

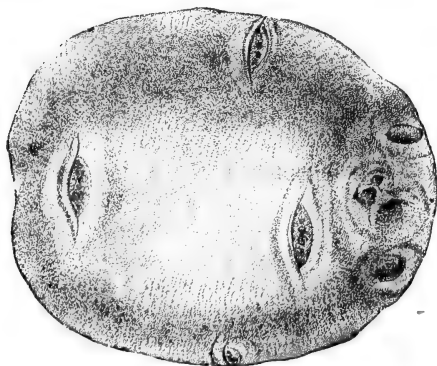
One ounce of seeds will produce about 2,000 plants.

	Pkt.	Oz.	½ lb.
Large Bell. Large and of mild flavor.....	.05	.25	.75
Sweet Mountain or Mammoth. Similar to the Bell, but larger.....	.05	.25	.75
Large Squash. Productive; much used for pickles.....	.05	.25	.75
Red Cherry. Small, round, smooth, glossy scarlet fruit.....	.05	.25	.75
Long Red Cayenne. Bright red; very productive.....	.05	.25	.75

POTATOES.

ALL OUR STOCK IS GROWN IN AROOSTOOK COUNTY.

	Pk.	Bu.	Bbl.
Extra Early White Rose. As near perfection as any white potato grown, and stands at the head for earliness, quality, and productiveness. Is uniform in size and shape, being oblong, with roundish seed end, and smooth surface. A grand general crop variety.....	.50	\$1.25	\$3.50
Early Six Weeks. Extremely early, medium size, very smooth, color light pink. Recommended for early market trade.....	.50	1.25	3.50
Norcross. Large white potato; flat, oval, and perfect in shape; very fine in quality, and a large yielder.....	.50	1.25	3.50
Pure Early Rose. The pioneer of all the improved varieties, still very popular and highly esteemed.....	.50	1.25	3.50
Early Harvest. Extra early, large yielder; superb quality. The tubers average large size. A desirable early variety.....	.50	1.25	3.50
Beauty of Hebron. Very productive and early, slightly flesh-colored skin, with pure white flesh.....	.50	1.25	3.50
Irish Cobbler. One of the most reliable of the early varieties. Cream-white color, vigorous grower, ripens uniformly, and a good keeper.....	.50	1.25	3.50



POTATOES—Continued.

	Pkt.	Bu.	Bbl.
New Queen. Resembles the Hebron in color and form; a vigorous grower, producing large crops.....	.50	\$1.25	\$3.50
Improved Green Mountain. Improved by careful selection of seed. In season it is medium; one of the best yielders, free from blight and rot, keeps well; color white, form round or oval, smooth skinned and a heavy yielder.....	.50	1.25	3.50

PUMPKIN.

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

	Pkt.	Oz.	½ lb.	Lb.
Large Cheese. Medium size; best for cooking.....	.05	.10	.15	.40
Sugar. Fine grained, sweet and prolific.....	.05	.10	.20	.50
Connecticut Field. Large; best for stock.....	.05	.10	.15	.35

RADISH.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of April until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February.

One ounce for one hundred feet of drill.

	Pkt.	Oz.	½ lb.	Lb.
Non Plus Ultra. The earliest forcing radish; round, bright scarlet, short top, fine flavor; fit for use in about twenty days after sowing.....	.05	.10	.15	.50
Crimson Giant Forcing. A new variety, of a deep rich crimson color. Although of very large size, it is of the most delicate flavor, and very tender. As a forcing variety it is superior, remaining crisp and mild, notwithstanding its extraordinary size and weight.....	.10	.15	.40	\$1.25
Early Scarlet Turnip (white tip). Handsome bright scarlet color, with white tip.....	.05	.10	.15	.50
Long Scarlet Short Top. Very long and crisp; for frames or open ground.....	.05	.10	.15	.50
Early Scarlet Turnip. Round, scarlet, small, short top; mild and crisp. ....	.05	.10	.15	.50
French Break fast. A variety of quick growth; very mild and tender; one of the best for forcing.....	.05	.10	.15	.50
Black Spanish. One of the hardiest and best for winter use.....	.05	.10	.20	.60



FRENCH BREAK-FAST RADISH.

SALSIFY.

Commonly called vegetable oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half deep.

One ounce to fifty feet of drill.

	Pkt.	Oz.	½ lb.	Lb.
Long White French .....	.05	.10	.30	\$1.00

SPINACH.

Sow early in the spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

One ounce to one hundred feet of drill; ten to twelve pounds per acre.

	Pkt.	Oz.	½ lb.	Lb.
Round Thick Leaved. A variety producing large, thick leaves of fine color and quality. Especially recommended for market gardeners.....	.05	.10	.15	.30
Victoria. A valuable variety, with thick, dark-green leaves; long standing and hardy. ....	.05	.10	.15	.30
Savoy Leaved. A very desirable variety; leaves wrinkled.....	.05	.10	.15	.30
Long Standing. Dark green; the longest standing before going to seed.....	.05	.10	.15	.30
Fall or Prickly. One of the hardiest and most generally used for fall planting.....	.05	.10	.15	.30
New Zealand. Of branching habit, it makes a very large plant, which stands drouth well. Leaves thick and fleshy, enduring the entire summer.....	.05	.15	.30	\$1.00

SQUASH.

Any good, rich soil is adapted to the growth of the squash. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seed should not be sown in the spring until all danger from frost is past and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart; for running sorts, ten feet. Leave two plants to a hill.

Bush varieties, one ounce to fifty hills; running varieties, one ounce to fifteen hills; four pounds per acre.



SUMMER CROOK-NECK SQUASH.

SQUASH—Continued.

THE DELICIOUS. Color almost uniformly of a green shade, with occasionally a blue specimen. In size it closely follows the Hubbard, and in thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, but does not acquire its best quality until winter. The finest specimens will be found fully equal to other squashes that have had the addition of sugar, eggs and milk.



THE DELICIOUS SQUASH.

Per Pkt.	Oz.	1-4 lb.	Lb.
.05	.20	.50	\$1.50

Hubbard. A general favorite and more largely grown as a late sort than any other; flesh fine grained, dry and of excellent flavor.

Early Prolific Marrow. For fall and winter use this is a very desirable sort. Is of excellent quality and keeps well. Color brilliant orange red.

Boston Marrow. A much esteemed variety; a good keeper and of excellent flavor.

Turban. Orange-yellow; flesh of good flavor.

Yellow Bush Scalloped. An early market variety, excellent for shipping.

Summer Crook-Neck. Early, productive, and of good quality; fruit orange yellow.

Winter Crook-Neck. An old well-known variety; hardy and a good keeper.

Mammoth Chili. Grows to a large size, often weighing over two hundred pounds; excellent for stock.

Pkt. Oz. ¼ lb. Lb.

.05 .10 .25 .75

.05 .10 .25 .75

.05 .10 .25 .75

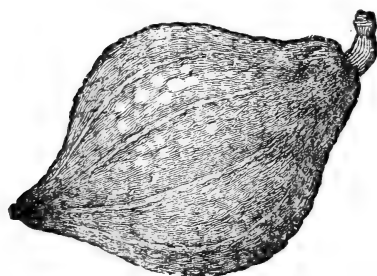
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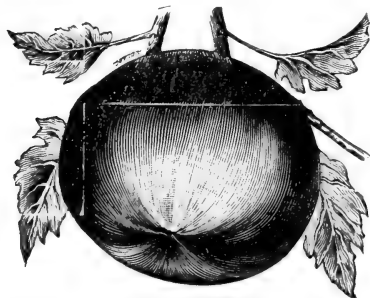


HUBBARD SQUASH.

TOMATO.

This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hot-bed, or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep and four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill.

One ounce for 1,500 plants.



EARLIANA TOMATO.

EARLIANA (new). The earliest large tomato. Nothing ever introduced is so remarkable for its earliness, its very large size, handsome shape and beautiful red color. Its solidity and fine quality are unsurpassed by any of the best medium and late sorts, and it has proven the most profitable tomato ever grown.

Pkt. Oz. ¼ lb.

.10 .30 \$1.00

Ponderosa Extremely large, solid, irregular in shape and bright red in color.

.10 .25 .90

Lorillard. One of the best for forcing under glass, and for growing in the open ground; bright, glossy red, smooth, solid, of fine flavor and very early.

.05 .25 .75

Fordhook. Extra early; perfectly smooth and solid; medium size.

.05 .25 .75

TOMATO—Continued.

	Pkt.	Oz.	½ lb.
<i>Livingstone's Beauty.</i> Color very glossy crimson; grows in clusters of four or five; fruit large and solid.....	.05	.25	.60
<i>Livingstone's Favorite.</i> Productive; good flavor; few seeds; flesh solid, smooth and handsome.....	.05	.25	.60
<i>Livingstone's Perfection.</i> Early, large, smooth and solid; blood red color.....	.05	.25	.60
<i>Dwarf Champion.</i> An early variety; fruit medium size, resembling the Acme in color....	.05	.25	.75
<i>Dwarf Aristocrat.</i> Similar to the Dwarf Champion in habit of growth, but of a bright scarlet color.....	.05	.25	.75
<i>Red Cross.</i> Early, very smooth and even in size throughout the season; perfectly solid; in color a brilliant crimson; ripens clear to the stem.....	.05	.25	.75
<i>Canada Victor.</i> Red; very early; of fine quality.....	.05	.25	.60
<i>Red Cherry.</i> A small early variety; size and shape of a cherry; for pickling.....	.10	.25	.75
<i>Yellow Cherry.</i> Same as above except in color.....	.10	.25	.75

The following varieties at a uniform price of: Per Pkt., 5c.; Oz., 25c.
 Royal Red, Stone, Essex Hybrid, Acme, Trophy, Table Queen, Paragon, Early Ruby.

TOBACCO SEED.

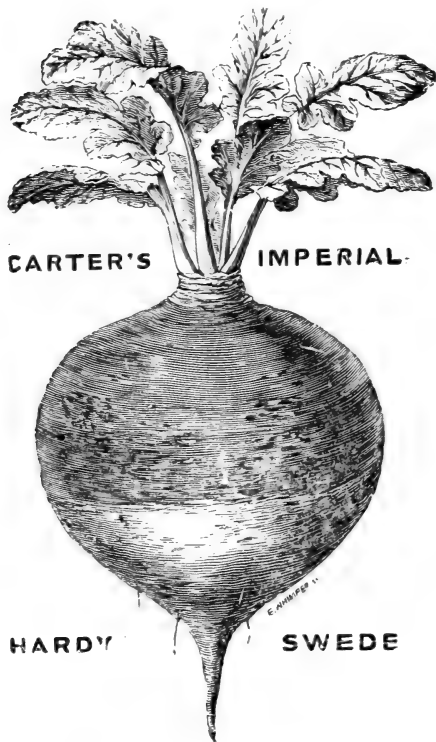
	Pkt.	Oz.	½ lb.
<i>Connecticut Seed Leaf</i>.....	.05	.30	\$1.00

TURNIP.

Turnips thrive best in rich, sandy, gravelly soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowing may be made for the fall and main crops.

One ounce for 150 feet of drill; one to two lbs. in drills for an acre.

To keep the roots fresh during the winter, they may be placed in a cool, dry cellar and buried with dry sand.



	Pkt.	Oz.	½ lb.	Lb.
<i>Purple-top Milan.</i> The earliest variety in cultivation. Flesh white, hard, and of excellent quality.....	.05	.10	.20	.60
<i>White Egg.</i> Oval; handsome and sweet.....	.05	.10	.20	.50
<i>Purple-Top Strap Leaf.</i> Best variety for main crop, equally good for spring or fall sowing; white flesh.....	.05	.08	.15	.40
<i>White-Top Strap Leaf.</i> Similar to the above in quality.....	.05	.08	.15	.40
<i>Yellow Stone.</i> Fine, hard winter sort.....	.05	.10	.20	.50
<i>Early White Six Weeks.</i> Pure white; very early.....	.05	.10	.20	.50
<i>Golden Ball.</i> A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety.....	.05	.10	.20	.50
<i>Yellow Aberdeen.</i> An excellent hardy variety, keeping well through the winter....	.05	.10	.20	.50

RUTA BAGA or SWEDE TURNIP.

	Pkt.	Oz.	½ lb.	Lb.
<i>Carter's Imperial Hardy Swede.</i> An improvement upon the other varieties, being larger, the flesh firmer, and an excellent keeper.....	.05	.08	.15	.40
<i>Skirving's Purple-Top.</i> A standard variety, hardy and productive.....	.05	.08	.15	.40
<i>Sweet German.</i> White, sweet and a good keeper.....	.05	.08	.15	.40

SPECIAL OFFER IN FLOWER AND VEGETABLE SEEDS.

30 5c. Pkts., or 15 10c. Pkts.,

\$1.00.

The above may be selected by the purchaser from any varieties found in our catalogue, and will be sent free by mail, on receipt of price.

SWEET AND MEDICINAL HERBS.

No garden is complete without a few herbs for culinary or medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dried quickly and packed, entirely excluded from the air. Sow in spring, in shallow drills, one foot apart and when well up thin out or transplant to a proper distance apart.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
Anise. <i>Annual</i>.....	.05..	.15	Fennel, Sweet. <i>Perennial</i>.....	.05..	.10	Rue. <i>Perennial</i>.....	.05..	.15
Balm. <i>Perennial</i>.....	.05..	.25	Horehound. <i>Perennial</i>.....	.05..	.25	Saffron. <i>Annual</i>.....	.05..	.10
Basil, Sweet. <i>Annual</i>.....	.05..	.15	Hyssop. <i>Perennial</i>.....	.05..	.25	Sage. <i>Annual</i> Per lb. \$1.50....	.05..	.15
Caraway. <i>Biennial</i>.....	.05..	.10	Lavender. <i>Perennial</i>.....	.05..	.15	Summer Savory. <i>Annual</i>.....	.05..	.15
Catnip. <i>Perennial</i>.....	.10..		Marjoram, Sweet. <i>Annual</i>.....	.05..	.15	Thyme. <i>Perennial</i>.....	.05..	.25
Coriander. <i>Annual</i>.....	.05..	.10	Mint. (Spear-mint.) <i>Perennial</i>.....	.25..		Wormwood. <i>Perennial</i>.....	.05..	.25
Dill. <i>Biennial</i>.....	.05..	.10						

General List of Grass Seeds and Clovers.

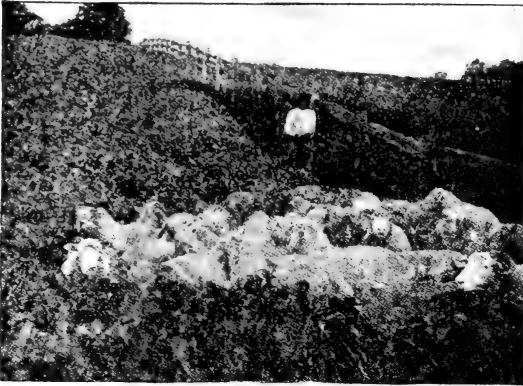
All orders will be filled at lowest price when they are received, and we will take pleasure in quoting prices at any time.

	Uses to which Best Suited.	Kinds of Lands to which Best Adapted.	Quantity to the Acre when Sown Alone.	Weight, per Bushel.
Timothy	Hay	Stiff, loamy or bottom lands	1-2 bushel	45 lbs.
Red Top (Recleaned)	Pasture and Hay	Stiff, loamy or bottom lands	6 pounds	35 lbs.
Hungarian	Hay or Forage	Sandy, light or loamy soil	1 bushel	48 lbs.
Golden Millet	Hay or Forage	Sandy, light or loamy soil	1 bushel	50 lbs.
Orchard Grass	Hay and Pasture	Shady situation, loamy and stiff uplands	3 bushels	14 lbs.
Kentucky Blue Grass	Pasture and Lawn	Loamy and stiff soil	3 bushels	14 lbs.
Rhode Island Bent	Pasture and Lawn	Light and loamy soil	3 bushels	12 lbs.
Fowl Meadow Grass	Hay	Wet meadows	2 bushels	10 lbs.
Red Clover	Hay or Pasture	Loamy and stiff soil	1-4 to 1-3 bushel	60 lbs.
Pea Vine Clover	Same uses and soil as red clover, but makes larger growth.			
Alfalfa or Lucerne Clover	Hay only	Light or deep loam	1-3 bushel	60 lbs.
Alsike Clover	Hay or Pasture	Loamy or stiff bottoms	1-6 bushel	60 lbs.
Crimson Clover	Hay or Pasture	Light, loamy or stiff soil	1-4 bushel	60 lbs.
White Clover	Pasture and Lawn	Light, loamy or stiff soil	1-5 to 1-4 bushel	60 lbs.
Tall Meadow Oat Grass	Hay and Pasture	Light, dry and stiff uplands	4 to 5 bushels	11 lbs.
Italian Rye Grass	Hay and Pasture	Stiff lands and rich bottoms	2½ to 3 bushels	20 lbs.
Perennial Rye Grass	Hay and Pasture	Loamy and stiff uplands	2½ to 3 bushels	20 lbs.
Wood Meadow	Pasture and Lawn	Low, wet and shady situations	2 to 2½ bushels	14 lbs.
Rough Stalked Meadow	Pasture and Hay	Moist, sheltered and low situations	2½ to 3 bushels	14 lbs.
English Rye Grass	Pasture and Lawn	Moist, sheltered and low situations	3 bushels	24 lbs.
Sweet Vernal Grass (Annual)	Lawn	Stiff land, and rich, loamy soil	2 bushels	11 lbs.
Sweet Vernal Grass (Perennial)	Pasture and Lawn	Stiff land, and loamy, rich soil	2 bushels	11 lbs.
Meadow Foxtail	Pasture and Hay	Light, loamy or stiff soil	3 bushels	8 lbs.
Crested Dogtail	Lawn and golf links	Light, loamy or stiff soil	1½ to 2 bushels	21 lbs.
Sheep Fescue	Sheep Pasture	Dry, light soil	2½ to 3 bushels	12 lbs.
Meadow Fescue	Pasture	Moist and low situations	2 bushels	15 lbs.
Tall Fescue	Pasture	Moist and shady situations	2 bushels	15 lbs.

GRAINS, ETC.

At the Lowest Market Rates and of the Best Quality.

WHEAT, RYE, BARLEY, OATS, AND BUCKWHEAT.



Dwarf Essex Rape.

Japanese Barnyard Millet.

Exceedingly popular as a forage plant. Heavy cropper. Succeeds best in a moderately moist soil, and may be sown from the middle of May until July, broadcast, at the rate of 12 lbs. per acre, or in drills, 8 lbs. per acre.

It is quite distinct from other varieties, being an enormous cropper, and excellent, either green or cured, as hay. Per lb., 10 cts. Per 100 lbs., \$8. Per lb., postpaid, 18 cts.

Spring Vetches or Tares.

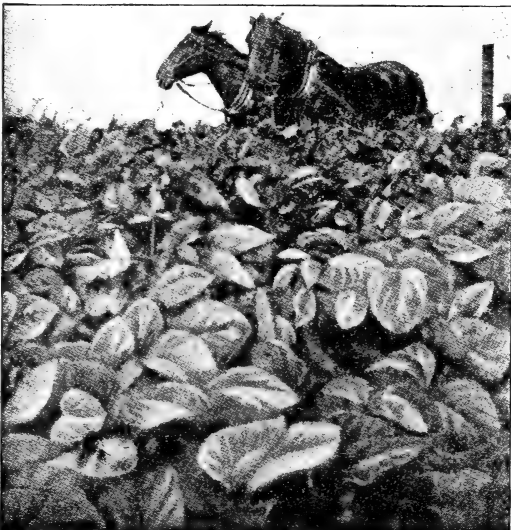
Closely associated with peas in character and grown extensively for stock. Very heavy crops can be raised. Sow with oats, same as field peas, two to three bushels per acre.

Per qt., 20 cts. Per bu., \$3.50. Per qt., postpaid, 35 cts.

SOJA BEAN.

Valuable as a forage crop, and for fertilizing the soil, also for pasturing, feeding as green fodder, and for silo purposes. It makes a very heavy growth, and is a rich nitrogenous food, forming flesh rapidly. Sow broadcast, $\frac{1}{2}$ bushel to the acre, or plant in drills 3 feet apart, 1 foot between plants.

Qt., 20 cts. Pk., \$1. Bu., \$3.50. Per qt., postpaid, 35 cts.



Cow Peas.

Dwarf Essex Rape.

A forage plant of great merit, easily grown in any locality.

In ordinary field culture the plant reaches a height of from $1\frac{1}{2}$ to 4 feet, and the strong-growing roots penetrate the soil to a considerable depth. The seed should be planted in drills far enough apart to allow cultivation, and may be sown from May to July.

One of the most satisfactory quick growing crops, especially for sheep, affording abundant supplies of succulent, nutritious pasture in from six to eight weeks from sowing.

As a fattening food for sheep, cattle, calves or pigs, it is without a rival in point of cheapness, is hardy, withstands drought, will produce a crop in any soil, will endure quite severe cold weather, and thus will last a long time after the ordinary pasture grasses succumb to the frost. Sow 10 to 12 pounds per acre broadcast, or 4 to 5 pounds per acre in drills.

Per lb., 10 cts. 100 lbs., \$7.00. Per lb., postpaid, 20 cts.



Japanese Barnyard Millet.

Velvet Bean.

A rival of the cow pea, is a rank grower, and when planted in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines, and leaves a mulch on the ground that is very beneficial to the soil. Both vines and pods are eaten by livestock, and the beans can be ground either with or without the pods, and fed instead of corn, or oats, or can be mixed with them.

Qt., 20 cts. Pk., \$1.00. Bu., \$3.50. Per qt., postpaid, 35 cts.

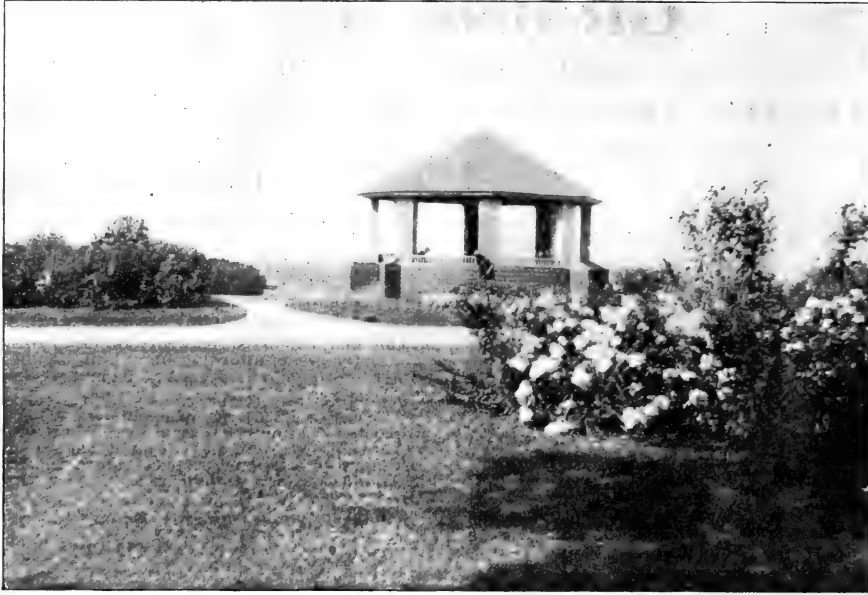
New Era Cow Peas.

Smaller in size than the Whip-poor-will, and nearly two weeks earlier. One of the best varieties to sow, as it is extremely early, a good cropper, and produces more seed pods than most other kinds. A very valuable forage plant.

Per qt., 15 cts. Per bu., \$2.50. Per qt., postpaid, 30 cts.

White Canada Field Peas.

A small hardy pea, valuable to sow early in the spring in connection with oats, to produce green forage and for making ensilage. They can be also sown alone, at rate of three bushels per acre. Per bu., \$1.75.



View on Western Promenade, Portland.

“K. & W.” LAWN GRASS SEED.

To secure a rich, velvety green, carpet-like lawn, not only should it be thoroughly prepared, well drained and graded, and enriched with decayed manures and commercial fertilizers, but if carefully sown with a sufficient quantity of

“K. & W.” LAWN GRASS SEED,

it will result in a beautiful compact sward which will remain fresh and green throughout the season.

Instructions how to prepare and sow a lawn accompany each package.

Per pound, 15 cents. *If sent by mail, add eight cents per pound for postage.*

PERMANENT MIXTURE

for Golf Links and Putting Greens.

Especially prepared for sowing to produce a short, dense sward.

Per pound, 20 cents. *If sent by mail, add eight cents per pound for postage.*

THE “K. & W.” CHAMPION OATS.

This unexcelled variety was produced in Maine, is free from rust, early and extremely hardy, yielding remarkably heavy crops.

It is a strong-growing, stiff-strawed oat, the grains being large, white, plump, thin-hulled, and first-class in every particular, weighing 40 pounds to the measured bushel.

These oats have been carefully selected, thoroughly cleansed, and are free from foul seeds.

Per peck, 35 cents. Per bushel, \$1.00.

SEEDLINGS AND VEGETABLE PLANTS.**FLOWER SEEDLINGS.**

	Per Doz.		Per Doz.		Per Doz.		Per Doz.
Aster.....	15c.	Pinks.....	15c.	Petunia.....	15c.	Zinnia.....	15c.
Balsam.....	15c.	Phlox.....	15c.	Stocks.....	15c.	Pansies (choice strains).	35c.
Verbenas.....	30c.	Snapdragon.....	15c.	Marigold.....	15c.		

CARNATION PINKS.(In 4-inch pots.) Selected for Summer Blooming.
Each 15 cents; \$1.50 per dozen.**CANNAS.**(In 4-inch pots.) Selected for Summer Blooming.
Each 15 cents; \$1.50 per dozen.**VEGETABLE PLANTS.****CABBAGE PLANTS—Hot-bed Plants. Ready May 1.**

	Per Doz.	Per 100	Per 1,000
Early Jersey Wakefield,	.15	\$1.00	\$8.00
Henderson's Summer,	.15	1.00	8.00
Fottler's Brunswick,	.15	1.00	8.00

For Winter Crop. Ready June 15.

	Per 100	Per 1,000
Henderson's Summer,	.30	\$2.50
Stone Mason Drumhead,	.30	2.50
Fottler's Brunswick,	.30	2.50
American Improved Savoy,	.30	2.50

CAULIFLOWER PLANTS.—Hot-bed Plants. Ready May 1.

	Per Doz.	Per 100
Henderson's Snowball,	.20	\$1.00
Early Dwarf Erfurt,	.20	1.00

CELERY PLANTS—Ready about June 10.

	Boston Market,	White Plume.
Golden Self-Blanching,	Price, 75c. per hundred; \$5.00 per thousand.	

LETTUCE PLANTS—Ready May 15. Price. 15c. per doz.; \$1.00 per hundred.**PEPPER PLANTS—Ready June 1.**

	Per Doz.	Per 100
Large Bell or Squash,	.15	\$1.00

TOMATO PLANTS—Ready May 15.

	Table Queen,	Red Cross,	Fordhook Early,
Earliana,	Favorite,	Dwarf Champion,	Perfection.
Canada Victor,			
Beauty,	Dwarf Aristocrat,		

Price, 25c. per dozen; \$2.00 per hundred; extra, one dozen in each box, 30 cents.

SUMMER-FLOWERING BULBS.**GLADIOLUS BULBS.**

Plant in good garden soil, after the ground becomes warm in the spring, in full exposure to the sun. Set bulbs from 4 to 6 inches deep.

For the best results, cut the spike when the first flowers open, and bloom in the house.

White and Light Shades. Per doz., 40c.; per 100, \$2.50.**Extra Fine Mixed Lamoine.** Per doz., 40c.; per 100, \$2.50.**Superfine Mixed.** A popular mixture of the most brilliantly colored varieties. Each 5c.; per doz., 50c.; per 100, \$2.50.**Fine Mixed.** Each 3c.; per doz., 20c.; per 100, \$1.00.**CANNAS.****Robusta, Dark Foliage.** Each 10c.; per doz., \$1.00**Dwarf Large Flowering French Sorts.** Each 10c.; per doz., \$1.00.**CALADIUM ESCULENTUM.**

Eight to ten inches in circumference. Each 10c.; per doz., \$1.00.

MADEIRA VINE.

Each 5c.; per doz., 50c.

Bulbs ordered by mail are subject to an extra charge of ten cents per dozen for postage.

TUBEROUS BEGONIAS.

The tuberous-rooted begonias are among the handsomest of our summer flowering bulbs, as they bloom continuously throughout the summer, till frost cuts them.

Single.	Per Doz.	Double.	Per Doz.
Each.		Each.	
Scarlet.....	\$0 06	Scarlet.....	\$0 10
Orange.....	06	Orange.....	10
Crimson.....	06	Crimson.....	10
Pink.....	06	Pink.....	10
White.....	06	White.....	10
Yellow.....	06	Yellow.....	10
Mixed.....	06	Mixed.....	10

TUBEROSE.

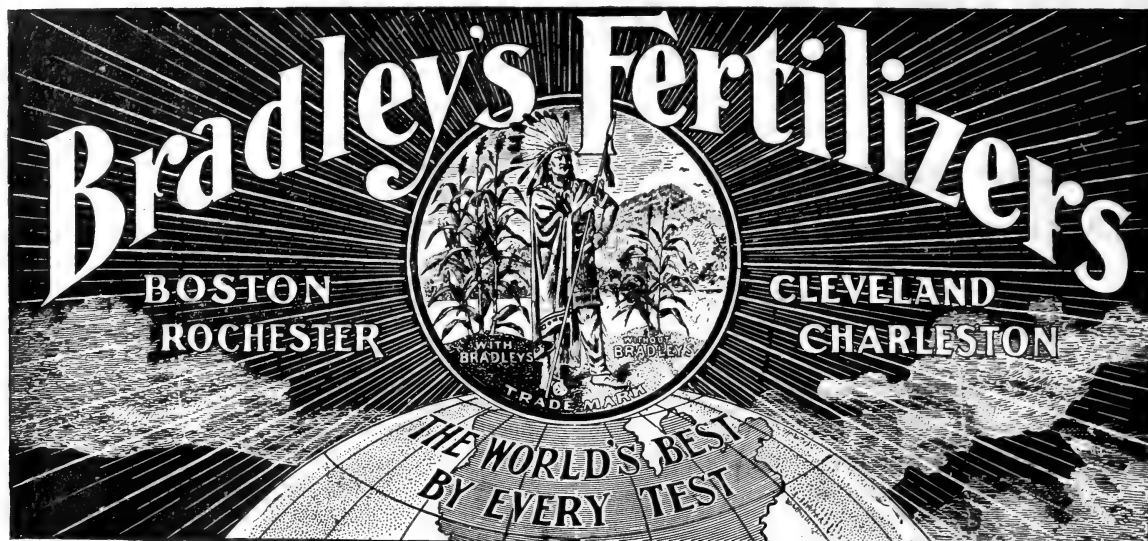
Large bulbs. Each 5c.; per doz., 50c.; per 100, \$3.00

DAHLIAS.**Double Named Varieties.** Growing plants; ready about May 15th. Each 15c.; per dozen, \$1.50.**GLOXINIAS.**

Mixed Varieties. Each 10c.; per doz., \$1.00.

DUTCH FLOWERING BULBS.**FOR FALL PLANTING.**

Our Bulb Catalogue will be issued in September and mailed free to all who write for it.



THE BRADLEY FERTILIZER CO.

was the pioneer of the fertilizer business, and for nearly half a century has been, and still is, the leader in that line, manufacturing and selling more fertilizers yearly than any other company in this field. They have not only the largest and best equipped factories, but the prestige of longest experience and most successful career, which has rendered their products a household theme from Maine to California, and has proved them to be

"The World's Best By Every Test."

A full stock of the following standard fertilizers, constantly on hand.

Bradley's XL Superphosphate,

Bradley's Potato Manure,

Bradley's Potato Fertilizer,

Bradley's Eureka Seeding-down Manure,

Bradley's Corn Phosphate,

Bradley's Complete Manure for Top-Dressing Grass and Grain,

Bradley's Complete Manure with 10% Potash,

Bradley's Fruit and Vine Fertilizer,

Bradley's Complete Manure for Corn,

Bradley's Complete Manure for Potatoes and Vegetables.

BRADLEY'S ENGLISH LAWN FERTILIZER.

A high-grade chemical mixture, rich in nitrogen, phosphoric acid and potash, combined in proportions especially adapted to produce a vigorous and healthy growth of grass. Being odorless, and free from weed seeds, it is far superior to unsightly and pungent stable dressing, much more easily applied, and vastly cheaper in every way.

PRICE.

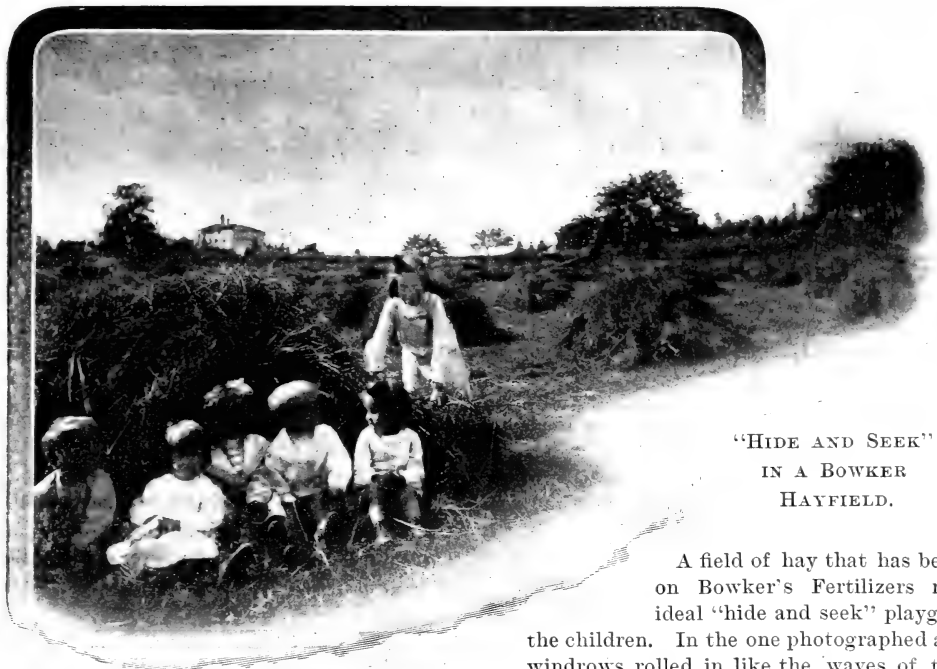
10-lb. bag for 1,000 square feet of lawn,
25-lb. bag for 2,500 square feet of lawn,

\$0.50
1.00

50-lb. bag for 5,000 square feet of lawn,
100-lb. bag for 1-4 acre of lawn,

\$1.75
3.00

BOWKER'S FERTILIZERS.



"HIDE AND SEEK"
IN A BOWKER
HAYFIELD.

A field of hay that has been grown on Bowker's Fertilizers makes an ideal "hide and seek" playground for the children. In the one photographed above, the windrows rolled in like the waves of the ocean,

and the youngsters found it no easy matter to locate each other when it was time to make a search. The field was seeded the previous fall with our Stockbridge Special for seeding down grass, and the yield was estimated to be over three tons per acre.

STOCKBRIDGE SPECIAL FERTILIZERS.

For POTATOES,
CORN,
HAY, GRAIN, ETC.

BOWKER'S GENERAL FERTILIZERS

FOR EVERY CROP THAT GROWS.

ILLUSTRATED CATALOGUE, 32 PAGES, FREE.

BOWKER FERTILIZER COMPANY,
BOSTON, MASS.

KENDALL & WHITNEY, AGENTS, PORTLAND, ME.

Chemicals and Fertilizers.

PRICES SUBJECT TO CHANGE.

	Per 100 lbs.	Per ton.
Dissolved Bone Black, containing 16 to 18 per cent. soluble and available phosphoric acid,	\$1.50	\$24.00
Muriate of Potash, 80 to 85 per cent.,	2.75	47.00
Nitrate of Soda, 95 to 98 per cent.,	3.00	55.00
Sulphate of Potash, 50 to 55 per cent.,	3.00	52.00
Sulphate of Ammonia, 24 to 25 per cent.,	4.50	75.00
Kainit, 20 to 25 per cent. sulphate of potash,	1.00	16.00
Dried Blood, 12 per cent. ammonia,	2.50	45.00
Tankage, fine ground,	2.00	32.00

PURE GROUND BONE. 4 to 5 per cent. ammonia, 21 to 23 per cent. phosphoric acid.

A valuable fertilizer, especially for lawns, vines and fruit trees. Per 100 lbs., \$1.80. Per ton, \$32.00

LAND PLASTER. Price, bag of 200 lbs., 75 cents; ton, \$7.00.

ASHES. Unleached, hardwood ashes, put up in 100 lb. bags. Especially valuable for lawns. Per 100 lbs., \$1.00

SHEEP MANURE. A pure, natural manure, and the most nutritious food for plants. Its effect is immediate and lasting; it is clean to handle, and is the best of all manures for mixing with the soil for greenhouse plants. As a lawn top-dressing it is unequalled. For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound manure to five gallons of water, which can be used with safety daily, if necessary. Price, pkg. of 6 lbs., 25 cents; per 100 lbs., \$2.00.

===== **L I M E.** =====

Especially prepared for agricultural purposes, and, being finely ground, it can be used in any broadcaster. Many plants, such as beet, spinach, lettuce, onions, parsnip, cabbage, cucumbers, potatoes, peas, beans, turnip, carrots, corn and all grains, show a decided increase, and are greatly benefited by the use of lime, as it corrects all acidity of the soil, sweetening it, and freeing it from impurities.

HOW TO TEST THE SOIL FOR ACIDITY.—Take a little soil from the field and place it in a saucer, moisten it well with water and place in it a piece of blue Litmus-paper. If within twenty-four hours the Litmus-paper changes to a red color, the soil is acid and an application of lime should be added at the rate of from 1000 to 2000 pounds per acre.

Lime properly applied at certain intervals, will be found a most perfect renovator, one that can be relied upon. For the ordinary piece of land that requires lime it will be found that once in the rotation of crops, or, say once in four years, is as often as lime should be applied, as it will hold the land in its proper condition for that length of time.

PRICE ON APPLICATION.

KIMBALL'S PLANT COMPOUND.

For Stimulating Growth and Rapidly Developing the Plant Organism.

This compound is composed of all the constituents requisite for perfecting the growth of all Flowering Plants. For parlor plants, the wardian case, conservatory or greenhouse it will be found indispensable.

25 cents per package.

BOWKER'S PLANT FOOD.

PACKAGE—Sufficient for twenty ordinary-sized plants for three months, 15 cts.
PACKAGE—Sufficient for twenty ordinary-sized plants for one year, 25 cts.

SHEEP DIP. Incarnative Sheep Dip. A highly-concentrated, non-poisonous liquid for sheep-washing purposes—killing *Ticks* and *Lice*, curing *Scab* and promoting the growth of Wool and Flesh. Used also for Cattle, Horses, Pigs, Fowls, Dogs, etc. A protector of sown seed from Birds, Slugs, and "Smuts." Does not require heating nor any preparation, simply add cold water and it is ready for use. Easily applied and always effective.

Price, 1-qt. can, 75 cents; 2-qt. can, \$1.25; per gal., \$2.25.

"NITRO-CULTURE."



Roots showing the nodules which collect the free nitrogen from the air, and deposit it in the soil, thus making barren land productive, and after the first crop is harvested the ground is left richer and better for the next year's crop.

NITRO-CULTURE consists of nitrogen collecting Bacteria, which work in the soil and on the roots of leguminous plants, having the power to collect free nitrogen from the air and supply it to the plants. The remarkable increase of crops frequently reported and caused by inoculation is due wholly to the large amount of nitrogen collected from the air by the Bacteria.

The Bacteria are furnished dried on absorbent cotton and can be readily forwarded by mail. Full directions accompany each package.

Value as Soil Renovator.—It has been ascertained from the most reliable sources that the average inoculated leguminous crops, such as Clover, Vetch, Peas, Beans, etc., will not only under ordinary conditions show an increase of crop, but also that the Bacteria will collect from the air and leave in the soil at the end of the season after the crop is harvested not less than 100 pounds of nitrogen per acre.

Increase of Crop.—It would be impossible for us to estimate what the increase caused by inoculation might be. Conditions vary in different sections. We therefore advise our customers to try the experiment and ascertain the true value of NITRO-CULTURE on their respective soils. When ordering, state what particular crop you desire to inoculate of the following: Alfalfa, Red, Alsike, White and Crimson Clover; Garden Peas; Field Peas; Sweet Peas; Garden Beans (Wax, String, Lima, Pea or Kidney).

Price—Trial package, 50 cts.; 1 acre package, \$1.50; 5 acre package, \$5.00.

Special Garden Size: Sweet Peas, 25c.; Garden Peas, 25c.; Garden Beans, 25c.

Write for Descriptive Circular.

LION BRAND BORDEAUX MIXTURE.

A scientific preparation combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in practical and usable shape, as by simply adding water and stirring it is ready for use.

One gallon makes 50 by the addition of cold water.

Bordeaux Mixture is a preventive of Potato Blight, Potato Rot, Mildew, Leaf Blight of Shrubs and Fruit Trees, and, in fact, for all fungoid diseases. Apply as a fine spray to all parts of the plants liable to be affected.

Qt., 40 cts.; gal., \$1.00; in five gal. cans, 80 cts. per gal.; in barrels of about 50 gals., 50 cts. per gal.

Actual cost when ready for use, less than 1 1-2 cts. per gallon, which places it within the reach of all.

SULPHO-TOBACCO SOAP.

A powerful agent for the destruction of all bugs and insects. Sulphur and the gum of the richest Leaf Tobacco are saponified with fertilizing fats; a soluble form to meet all requirements where an insect exterminator is desired. One or two applications will rid plants of the pests. Animals may be washed with same solution as is used for plants, or a lather may be made and applied with hand or sponge.

Price—3 oz. cake, 10c.; 8 oz. cake, 20 cts.



A Wonderful,

Inexpensive

Insecticide

"ROSE LEAF" Extract of Tobacco.

A perfectly pure, highly concentrated Extract of Tobacco, always uniform in strength of nicotine poison. Most effective for destroying green fly, mealy bug, thrip, scale and red spider.

Pint, 30 cents; Quart, 50 cents; Gallon, \$1.50.

Fir-Tree Oil.—Price, ½ pint, 40c.; pint, 75c.; qt., \$1.50.
Hellebore.—Price, ½ lb. pkg., 15c.; 1 lb. pkg., 25c.
Paris Green, Pure.—Price, 25c. per lb.
London Purple.—Price, 20c. per lb.
Leggett's Fungicoid.—Price, 20c. per lb.
Leggett's Spanish Pink.—Price, 20c. per lb.

Sulphur, Powdered—Price, 8c. per lb.; 10 lb. pkg., 60c.
Tobacco Soap.—Price, 40c. per lb.
Tobacco Dust.—Price, 10c. per lb.; 5 lb. pkg., 30c.
Tobacco Stems.—Price, \$1.25 per bale of about 100 lbs.
Whale-Oil Soap.—Price, 15c. per lb.

BUG DEATH.



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897.

The Multiplication of insect pests and increase of fungous diseases place the question of spraying outside the line of debate. *It must be resorted to. It is the only salvation of the fruit, vegetable, or crop producer. Spraying is a necessity for successful cropping.* There is one insecticide on the market, *absolutely harmless to use, which will kill the bugs and insects, protect the life of the leaves and plants, increase the yield, insure highest quality and promote the vigor of the plant or tree, and that is "Bug Death."*

DIRECTIONS FOR SPRAYING ONE ACRE OF POTATOES.

Fill a pail or bucket, holding about 12 quarts, half full of water. Stir 15 to 25 pounds of Bug Death into this water (the larger amount will pay best.) Fill sprayer tank nearly full with clear water, then pour Bug Death from bucket into tank and start machine at once, being sure that agitator is working properly.

DIRECTIONS FOR SPRAYING ONE ACRE OF POTATOES WITH BUG DEATH AND BORDEAUX MIXTURE.

Dissolve 6 pounds copper sulphate (blue vitriol) in 6 gallons of water. Slack 6 lbs. lump lime, slowly adding water as it slacks, being careful not to burn the lime. When thoroughly slacked strain it through about a No. 50 wire strainer to remove any lumps before it goes into sprayer. When ready to spray, fill tank two-thirds full of clear water and add the 6 gallons blue vitriol water. Next put in 15 to 25 pounds Bug Death (first mix Bug Death in pail of water, same as under directions for using Bug Death alone.) Fill tank almost full of clear water; lastly put in the lime water. Stir well with a stick and start machine at once, being sure that agitator is working properly. Bug Death kills all insects and being very adhesive holds the mixture on to the vines throughout the season, and can be applied in damp weather as rain will not wash it off.

The above solution, if properly applied, will positively prevent blight on potatoes, tomatoes, etc.

IF USED DRY

apply with Dickey Bug Death Duster; 12 ½ to 25 pounds per acre, per application. Dust plant evenly and thoroughly. The more freely used the better the plant will thrive, as the increased yield and improved quality more than pays the expense. A perfectly sure, safe, effective insecticide.

Circulars giving results of tests made by practical farmers mailed free on application.

1 pound package,	\$.15	5 pound package,	\$.50	100 package,	\$7.00
3 " "	.35	12 ½ " "	1.00		



DICKEY DUSTER.

Manufactured expressly for applying Bug Death.

Price, - - - - - 25c.

BROWN'S ACME CATTLE OIL.

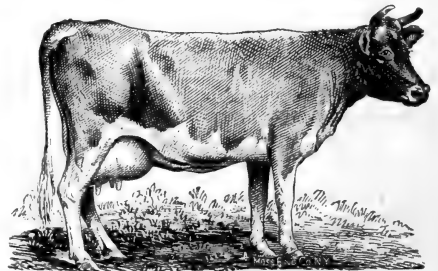
Will absolutely protect Horses and Cattle from the annoyance of Flies, Insects and Vermin of all kinds. A much greater flow of milk from cows kept free from the torment of the *Horn Fly*. "More milk from the cow, more money to the dairyman."

As a disinfectant it will keep animals healthy.

Applied to the walls and ceilings of stables, where there are myriads of flies, they leave instantly.

Apply with any of our atomizers or sprayers.

Price, per quart can, 25c.; gallon, 75c.



Sprayers and Powder Guns.

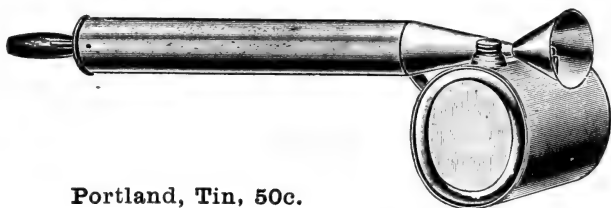
For Spraying all Insecticides on Potato Vines, Shrubs, Small Trees, House Plants,
Live Stock and Poultry.

A great Labor Saver on the Farm and in every Garden, Barn, Greenhouse, Orchard and Hennerly.

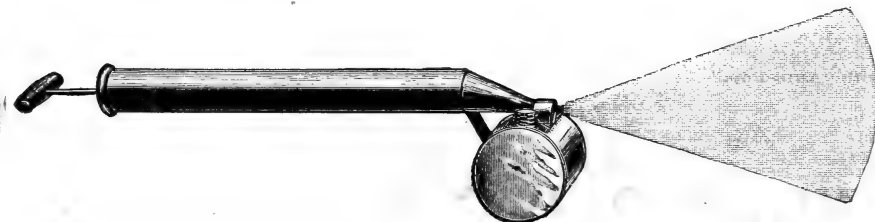
Will apply the finest possible spray on any object desired, and exterminate any kind of insect life.



Perfection, Tin, Double Tube,
Galvanized Tank, 50c.

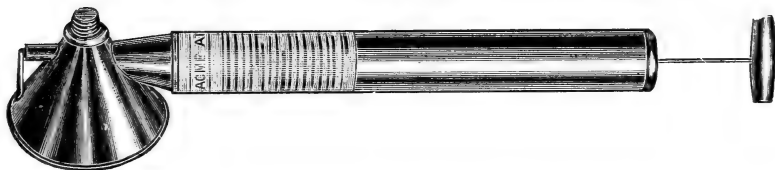


Portland, Tin, 50c.



Acme, Tin, 50c.

Faultless—
No. 1, Tin, 40c.
No. 2, Brass, \$1.00.



DRY POWDER GUNS.

Acme, Single,	\$.75
Acme, Double,	1.75

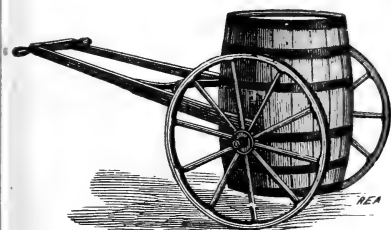
LEGGETT'S CHAMPION DRY POWDER GUN.

For the distribution of Bug Death, Paris Green, Hellebore, Insect Powder, Flower of Sulphur or Lime.

Price, \$7.50 each.

WATER BARREL TRUCK, ETC.

Combined Sprinkler and Hand-Cart.



The barrel is easily disconnected from the truck, either while full or empty. The following extra attachments can be furnished if required: Box with trunnions and spring catch, forming a dumping hand-cart; sprinkler for watering walks and lawns, and also a leaf-rack.

Truck and barrel, complete, wheel 2½ in. tire,	\$ 9.50
Truck and barrel with sprinkler,	14.00
Truck and barrel with hand-cart box,	13.00
Truck and barrel with leaf-rack,	14.50

"AUTO-SPRAY," NO. 1.

A perfect compressed air sprayer, with capacity of four gallons, three of solution and one of air when properly charged ; enough to cover half acre of growing crops.

May be instantly charged by a few strokes of the plunger; eight to twelve strokes will furnish compressed air to work spray from six to fifteen minutes, according as nozzle is opened.

"Auto-Spray" No. 1A, Brass Reservoir, Stop Cock,	\$5.50
" " " 1B, " " Auto-Pop,	6.50
" " " 1C, Galvanized " Stop Cock,	4.00
" " " 1D, " " Auto-Pop,	5.00

EXTRAS.

Brass Extension, 2 ft. lengths, each,	.50
Galvanized " 2 ft. " "	.40
Brass Elbow,	.50
Auto-Pop Separate,	1.25

Diameter, 7 inches,
Height, 2 feet
Capacity, 4 gallons
Weight empty, 7 lbs.
" loaded, 39 lbs.

"Auto-Spray," No. 1, with "Auto-Pop."

THE MYERS O. K. SPRAY PUMP.

One of the special features of this pump is a clamping device, by means of which it is attached to the top of the barrel. It will be noticed that this arrangement can be adjusted to any barrel, regardless of height or width.

The handle is wrought steel, with adjustable stroke, so as to enable the operator to get up a pressure of 200 lbs. or more if necessary. It is fitted for two leads of discharge hose.

Myers O. K. Spray Pump, as shown

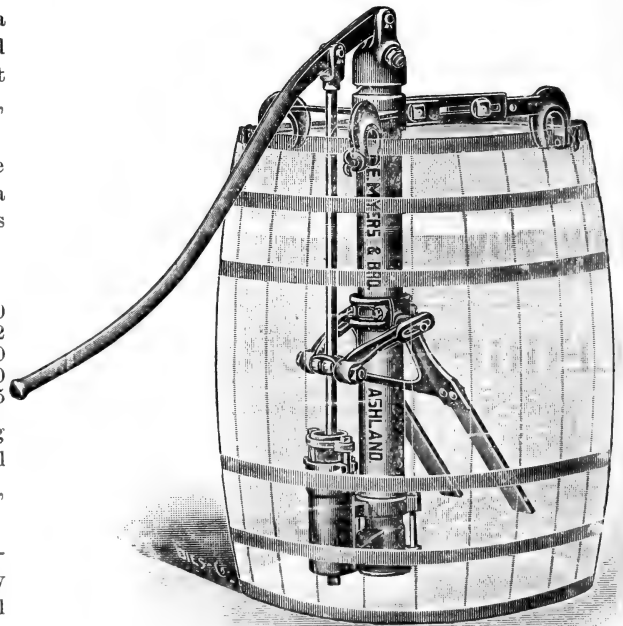
in cut (without barrel).....	Price, \$11.00
Superior hose. Price per foot.....	.12
Vermorel nozzles, each.....	.70
Hose attachment, per set.....	.50
Pipe extension, each.....	.35

No. 302. Complete except barrel, consisting of pump, 5 ft. of $\frac{1}{2}$ -inch 3-ply hose, Vermorel spray nozzle, 3 feet of suction pipe, strainer, agitator and air chamber. **Price, \$7.50.**

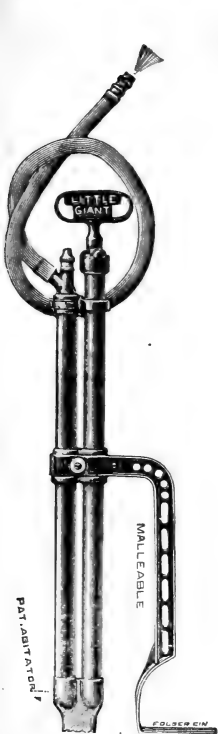
No. 305. Imperial Barrel Spray Pump, complete except barrel, with 5 feet of $\frac{1}{2}$ -inch 3-ply discharge hose and Myers Graduating Vermorel nozzle. **Price, \$5.75.**

No. 330. Myers Knapsack Spray Pump, fitted with 5 ft. $\frac{1}{2}$ -inch hose, pipe extension and Bordeaux or Graduating Vermorel spray nozzle, which can be graduated from a fine mist spray to a solid stream, or shut off entirely. **Price, \$5.50.**

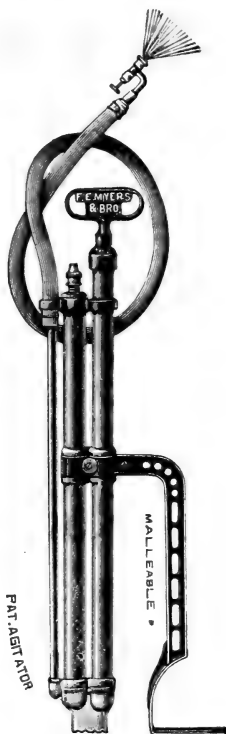
No. 331. Myers Perfect Knapsack Spray Pump, made with **Copper Tank.** Complete with hose, stop-cock, pipe extension and Bordeaux or Graduating Vermorel nozzle. **Price, \$8.25.**



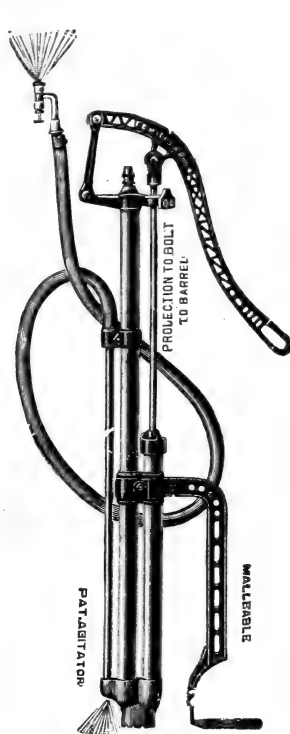
MYERS SPRAY PUMPS.



No. 327 1-2.



No. 325.



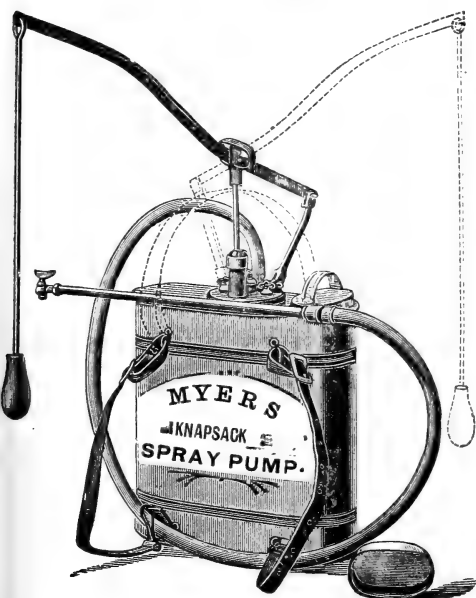
No. 324.

No. 327 1-2. Little Giant Brass Spray Pump, with agitator, complete with hose and Imperial combination fine and coarse spray and solid stream nozzle. Price, \$2.50.

No. 325. Myers Imperial Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine and coarse spray and solid stream nozzle and malleable foot rest. Price, \$3.00.

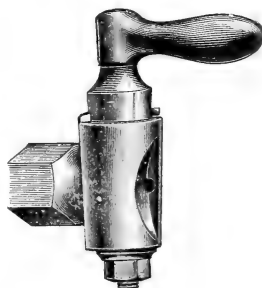
No. 324. Myers Lever Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine and coarse spray and solid stream nozzle. Price, \$3.50.

8-foot pipe extension, 35c. additional.



No. 330.

Bordeaux Nozzle.



65c.

Imperial Nozzle.



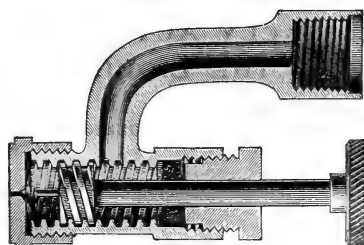
40c.

Pipe Extension.

Cyclone Nozzle.



60c.



MYERS GRADUATING SPRAY NOZZLE
70c.

The "Iron Age" Four-Row Sprayer.

No. 100 Iron Age Four-Row Sprayer, price, \$65.00

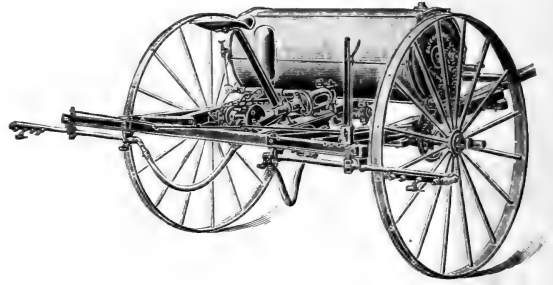
Orchard Attachment (consisting of one nozzle,

25 feet rubber hose, 10 feet iron pipe—

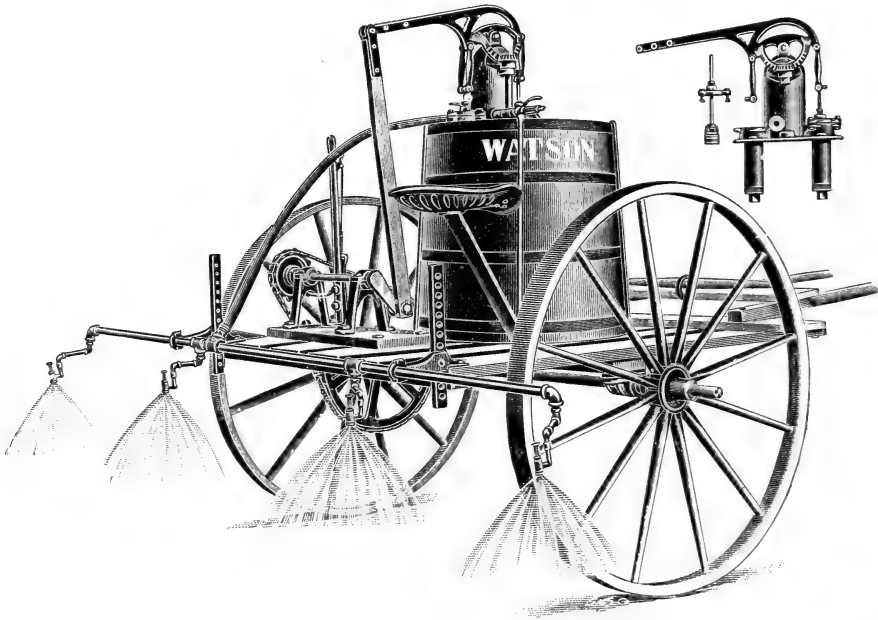
both $\frac{1}{2}$ -in.—and all necessary fittings),

price, \$7.00

**SEND FOR ILLUSTRATED
CIRCULAR AND PRICE LIST.**



The WATSON Four-Row Sprayer.



**ENTIRELY AUTOMATIC, WITH AGITATOR AND BRUSHES WHICH STIRS
THE LIQUID AND KEEPS THE SUCTION STRAINER CLEAN.**

Wheels and nozzles adjustable for rows two and one-half to three feet apart.

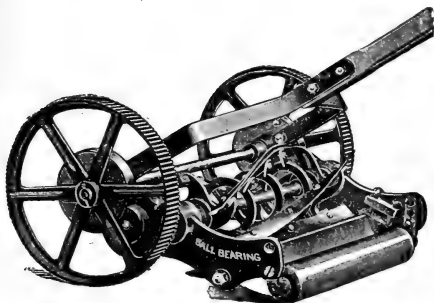
PRICE, \$65.00.

SEND FOR ILLUSTRATED CIRCULAR AND PRICE LIST.

TOWNSEND'S "VICTORY" LAWN MOWER.

Superior to any Lawn Mower Manufactured!

ITS SPECIAL FEATURES.



Ball Bearings, of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore. A 24-inch Victory can be operated as easily as any other mower of 16-inch cut.

Triple Gear, entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them.

A Removable Cutter Bar, which, by loosening four small screws, may be rolled out of the machine for sharpening without disturbing the frame. A very valuable feature, found in no other make of mowers.

A Solid Rectangular Frame, that cannot be twisted or jarred out of parallel, the two side frames being bound tightly together by means of two cold die-drawn steel bolts which make the most rigid frame ever made. Ten-inch wheels.

Width of Cut:	14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
Net Price:	\$7.50	\$8.50	\$9.00	\$9.50	\$10.50	\$11.50

Townsend's "Spider" Mower.

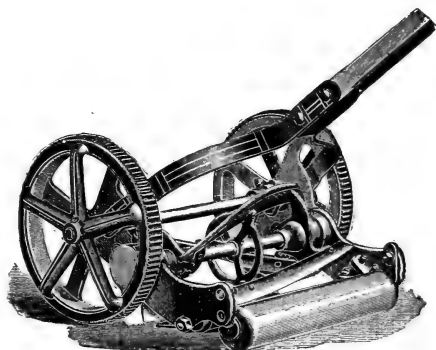
Like the "Victory," the "Spider" runs and cuts with astonishing ease and rapidity.

It is light, strong and finely made and adjusted, and is certainly the best *medium priced* lawn mower ever offered by any dealer.

It is ball bearing, has nine-inch wheels, four-bladed, open wiper, and a simple and easy adjustment.

A thoroughly practical lawn mower and second only to the "Victory."

Width of Cut:	12-in.	14-in.	16-in.	18-in.	20-in.
Net Price:	\$5.50	\$6.00	\$6.50	\$7.00	\$7.50



Townsend's Chain Roller Mower.

Designed for Borders and Golf Greens.

SPECIAL FEATURES.

Ball Bearings, of the very highest grade, which materially reduce the friction.

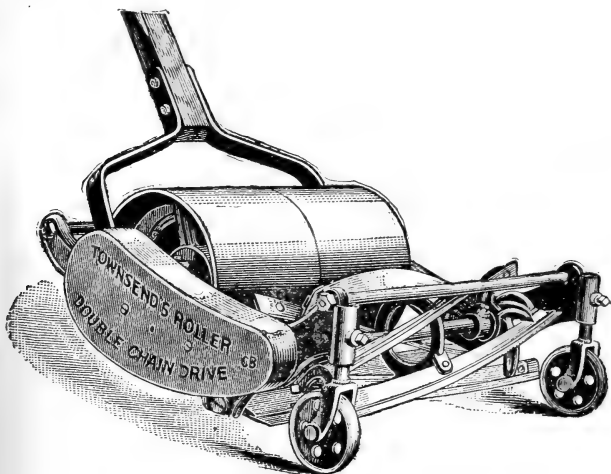
Double Driving Rolls, eight inches in diameter.

Sextuple Ratchet, almost silent and indestructible, insuring quick starting of the knives.

Chain Drive, light, strong, quiet and easy, and *completely shielded*. No dirt or cut grass can reach and clog the chains and sprockets.

This mower will cut close enough and clean enough to satisfy the most fastidious golfer, and it will run easier and will stay in perfect order longer than any other golf mower.

Sizes:	12-in.	14-in.	16-in.	18-in.
Prices:	\$10.00	\$11.00	\$12.00	\$13.00



THE TOWNSEND Horse Lawn Mower.

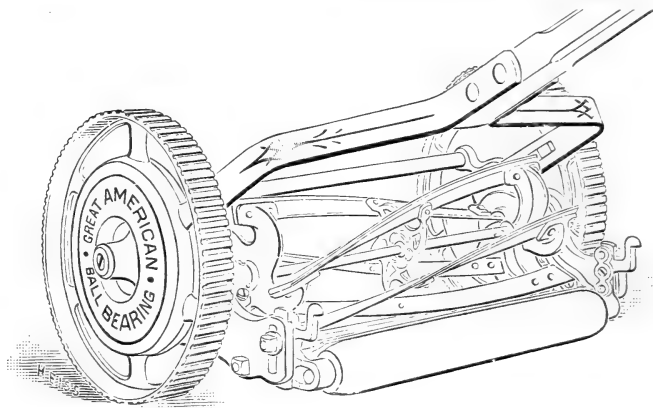
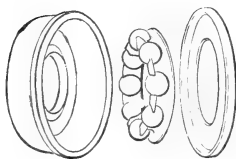
The most perfectly constructed Horse Lawn Mower on the market. Triple rolls, with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a Lawn Mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

All machines are fitted complete with Tool-box, Seat, Handles, Shafts and Slide-Bar Attachment, which keeps the horse on the cut grass.

Width of cut, 30 in., 36 in., 38 in.

Write for Price List.

The Great American Ball-Bearing Lawn Mower.



It is safe to say this Lawn Mower is built with as great a degree of perfection in regard to the ball-bearings as can be found in any bicycle manufactured, and the adjustment is unequalled. Has driving wheels 10 inches in diameter, steel balls of the highest grade placed in dust-proof steel covered cup, and open cylinder with five solid cast steel cutting knives. It is handsomely finished, and has the Enos patent bed knife, making it positively self-sharpening. Constructed especially for use in Parks and Cemeteries.

15 inch.....\$ 9.00

17 " 11.00

19 inch..... 10.00

21 " 12.00

YALE LAWN MOWER.

Has 10½-in. wheels, 1¼-in. face. The wheels are made with an extra rim, which raises the gear away from the ground so that the loose dirt and sand do not get into it, as in the case where the gear is in the outside rim. The reel has four blades and the wheel shaft runs in long polished brass boxes.

Width of Cut :

14 inch.

16 inch.

18 inch.

Net Price :

\$4.25

\$5.00

\$5.25

NATIONAL Lawn Mower.

8-inch Wheels.

—The Combined Points are—

PRICE, SIMPLICITY,

DURABILITY, UTILITY.

Width of Cut.

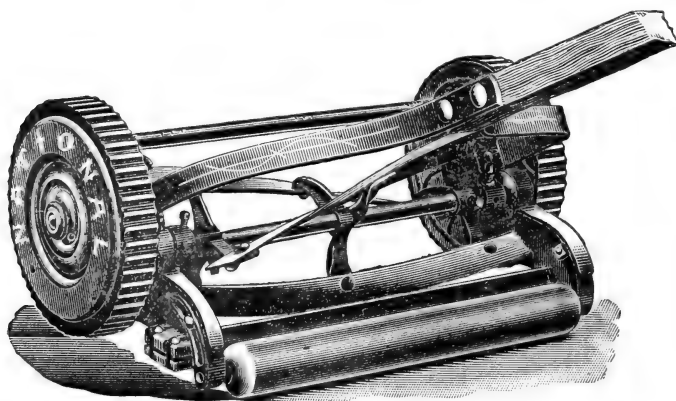
Net Price.

12 inch \$2.75

14 " 2.75

16 " 2.75

18 " 3.00

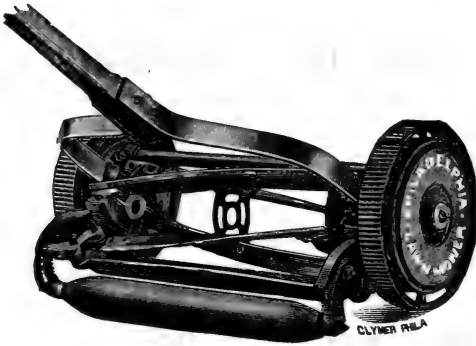


PHILADELPHIA LAWN MOWER.

STYLE C.

This style fills the demand for a MEDIUM High Wheel Mower THAT HAS MERIT.

Has all the improvements, with a four-blade, open cylinder, and 8½-inch driving wheel. Is light running, and does fine work.



Width of Cut.	Net Price.
14 inch.....	\$5.50
16 ".....	6.50
18 ".....	7.50
20 ".....	8.50

STYLE K.

Open wiper. Has a 10-inch wheel; the least amount of gearing possible. Has five knives, insuring a fine cut.

Width of Cut.	Net Price.
14 inch.....	\$ 7.00
16 ".....	8.00
18 ".....	9.00
20 ".....	10.00

LAWN MOWERS SHARPENED AND REPAIRED.

THE "EASY EMPTYING" GRASS CATCHER.

Made from heavy duck, with galvanized iron frame. Is emptied by lifting from mower by handle. Can be left off when mowing steep banks or when it is not desirable to catch the grass.

No. 1, for 12 to 18 inch Mowers. Will fit perfectly any make of Lawn Mower. Price, \$1.50.



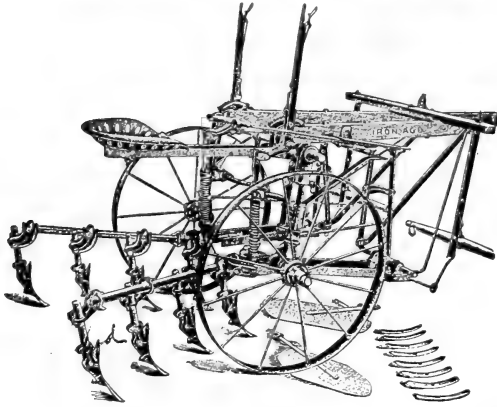
IRON

Garden and Lawn Rollers.



Sections each.	Inches long.	Inches diam.	Weight about	Price.
2	7½	15	125 lbs.	\$ 6.00
2	10	20	250 "	9.50
3	7½	15	190 "	7.50
1	12	20	165 "	9.50
1	12	24	210 "	10.00
2	12	20	300 "	12.50
2	12	24	400 "	15.00

"IRON AGE" FARM AND GARDEN IMPLEMENTS.



No. 80. "Iron Age" Pivot Wheel Riding Cultivator.

The greatest labor-saving device ever offered in the line of cultivators, adapted for all kinds of farmers in cultivating all kinds of crops, on hillside or plain,—in fact, to practically universal use. Pivot Wheels—ball-bearing—Gang-Adjusting Lever, Strong Steel Wheels, and, although it is light and simple in construction, it is very strong, and possesses many advantages not contained in far more complicated tools. Quality of material and finish is the very best.

Mnfr.'s Price, \$33.00
K. & W.'s Net Price, 30.00

No. 75 Spring Tooth "IRON AGE" Combined Pivot and Fixed Wheel Riding Cultivator.

This cultivator is identical with No. 80 except in being equipped with spring teeth.

For some soils, and in certain conditions a cultivator fitted with spring teeth will do better and more efficient work than one with rigid teeth.

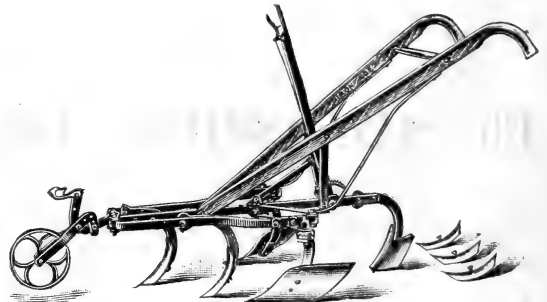
Mnfr.'s Price, \$36.00 K. & W.'s Net Price, \$33.00

"DIXIE" Horse Hoes and Cultivators.

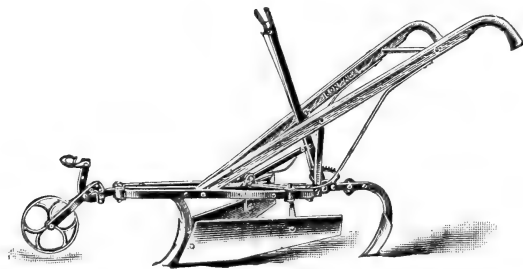
Frame high and long, runs steadily, and clears easily.

All Attachments of Solid Steel, perfectly constructed, and will stand severe strain without injury. Expansion Lever, quick adjustment.

K. & W.'s Net Price, \$4.50



Dixie Horse Hoe and Cultivator.



Dixie, with Hilling Attachment.

THE HILLING ATTACHMENT.

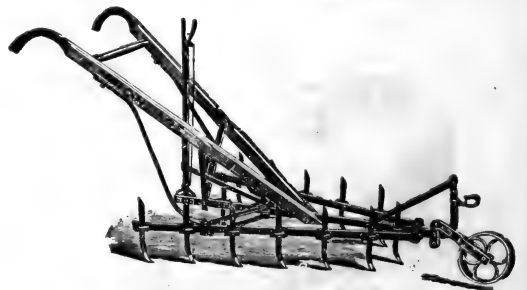
Is applied by simply removing four standards and placing the standard of the hiller on the middle bar and attaching the short standards of the blades to the side bars. This attachment is used in cases where higher ridging is desired than what can be accomplished with the regular Horse Hoe blades.

K. & W.'s Net Price, \$5.00

DIAMOND TOOTH CULTIVATOR.

As plainly shown in cut, the teeth are diamond shape, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be quickly removed. Cultivating width, when equipped with lever expander, 34 inches.

K. & W.'s Net Price, \$4.50



Six-Tooth Cultivator.

"Iron Age" Farm and Garden Implements—Continued.

The frame of the "Iron Age" Combined Tools, Seeders, Wheel Hoes and Fertilizer Distributors are made of pipe coupled to malleable castings, thus combining great strength with lightness. They have high wheels (16 inches), are easily adjusted and operated, and are most complete and satisfactory.



No. 6.

No. 6. "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

Ten tools in one, and each as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills, 4, 6, 8, 12 or 24 inches apart. Can be quickly changed to a Double or Single Wheel Hoe, Cultivator, Rake or Plow. Price, complete, \$11.00.

No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder.

"Another step in labor saving for market gardeners."

In these days of strong competition in the growing of crops of the market gardener, it becomes necessary that he make a study of the most economical use of fertilizers, one of his most costly purchases, and to obtain this economy requires such a tool as we offer in the No. 22 "IRON AGE" Combined Fertilizer Distributor, Hill and Drill Seeder, which applies the fertilizer in connection with the seed, just where it will do its most efficient work. Although a tool designed to accomplish so much, it is perfectly simple, light of draft, strong and perfection in the quality of work done by it,—its method of sowing the fertilizer and seed, or of sowing the fertilizer alone is ideal.



No. 22.

The Opening Plows of the Fertilizer Distributor are made in such shape as to encase the two flexible distributing tubes (one in each plow) leading from the fertilizer hopper. These plows are adjustable in depth and width, giving the gardener the privilege of placing the fertilizer as near or as far from the seed as he desires; or, one plow can be used and the fertilizer placed in the same line with the seed. The plows are immediately followed by coverers, which draw the soil over the fertilizer just deposited. Price, \$17.00.



No. 15.

No. 15. "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder.

Very similar to the No. 6 above, excepting it has only the single wheel. Price, complete, \$10.00.

This tool complete, excepting the hill-dropping device, for continuous rows only ("Iron Age," No. 17), price, \$9.00.

As a hill and drill seeder only ("Iron Age," No. 16), price, \$7.50.

As a drill seeder, for continuous rows only ("Iron Age," No. 18), price, \$6.50.

"Iron Age" Farm and Garden Implements—Continued.

No. 4. "Iron Age" Combined Double and Single Wheel Hoe and Drill Seeder.

Remarkable for the variety of work it will accomplish, as it is very similar to the No. 6, excepting the opening plow and hill-dropping device. It does not place the seed in hills, but in continuous rows, and this feature makes it more desirable to some, as they do not wish to place the seed in hills, but prefer the saving in price. It can be used as a Double or Single Wheel Hoe, Cultivator, Rake or Plow. Price, complete, \$10.00.

As a drill seeder only ("Iron Age," No. 5), price, \$7.00.



No. 4.



No. 9.

No. 9. "Iron Age" Single Wheel Hoe. Price, \$4.75.

Is especially suitable for narrow rows, is light, strong, and for work done is very similar to No. 20. A weeder attachment for killing small weeds and pulverizing the soil may also be added. Plain, with hoes only ("Iron Age," No. 10), price, \$3.00.

No. 8. "Iron Age" Hill and Drill Seeder.

This tool is very desirable for the market gardener who prefers an implement for a seeder only. It is simple, light, strong and capacious. The hopper holds four quarts. All small seeds are accurately placed in hills 4, 6, 8, 12 or 24 inches apart, or in continuous rows.

Price, \$10.00.



No. 8.



New Model Seed Drill.

New Model Seed Drill.

This drill has been in use many years, and is well known to give perfect satisfaction. It has a large, broad-tired wheel, perfect and reliable index, a cut-off to stop the flow of seed when desired, and is very valuable and complete.

Price, \$7.50.

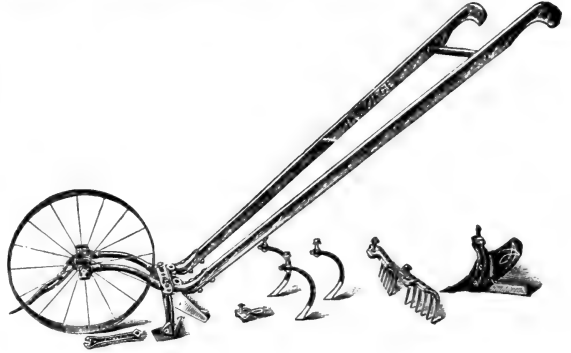
"Iron Age" Farm and Garden Implements—Continued.

No. 20. "Iron Age" Single Wheel Hoe.

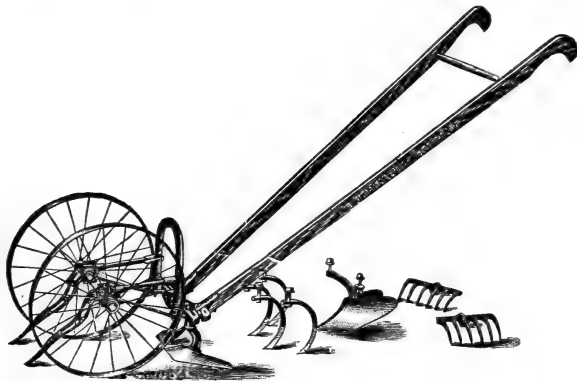
A most complete single wheel tool. One pair of side hoes, three cultivator teeth, one pair rakes, and a landside plow are furnished. Price, complete, \$5.50.

With plain hoes only ("Iron Age," No. 21), price, \$3.50.

Can be used as a seeder at any time by adding the drill, or hill and drill seeder attachment.



No. 20.



No. 1.

No. 1. "Iron Age" Double and Single Wheel Hoe. Price, complete, \$6.50.

Can be quickly changed to a Double or Single Wheel Hoe, Cultivator, Plow or Rake; as a double wheel, can be used astride the row or as a single wheel between the rows. A drill seeder or hill and drill seeder attachment can be added at any time.

With side hoes only ("Iron Age," No. 3), price \$4.00.

No. 12. "Iron Age" Wheel Plow and Cultivator.

Remarkable for its exceeding lightness, combined with great strength, the low price and variety of work it will accomplish. Will do all the work of a kitchen garden, as ploughing, hoeing, raking and cultivating, and is especially suitable for those desiring such a variety of tools for a small amount. Price, complete, \$3.25.

As a Wheel Plow only ("Iron Age," No. 11), price, \$2.25.



No. 12.



No. 19.

No. 19. "Iron Age" Wheel Plow and Cultivator.

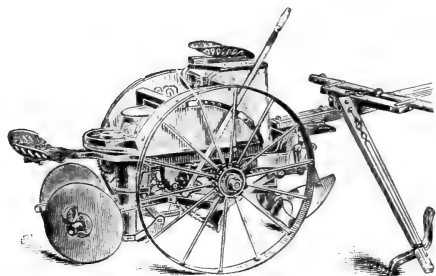
To meet a demand coming from some sections for a Wheel Plow and Cultivator equipped with a higher wheel than anything previously offered.

The Wheel is made of steel, thirty inches high and is very strong.

Price, \$3.00.

"Iron Age" Farm and Garden Implements—Continued.

The "Iron Age" Improved Robbins' Potato Planter.



This Planter is one of the most thoroughly constructed machines offered to the farming public. It is carefully made of the very best materials and consequently is strong, durable and thoroughly practical.

Plain or with Fertilizer Attachment.

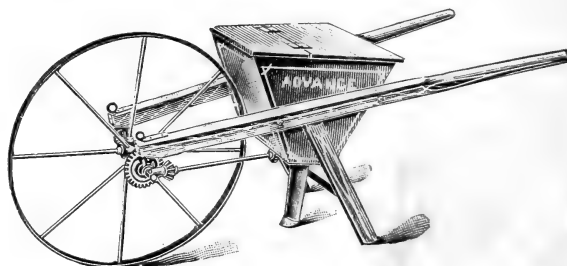
SEND FOR SPECIAL CIRCULAR.

Mnfr.'s Price, No. 1—Potato Planter with Fertilizer Distributor (Plow with shield), **\$78.00**

K. & W.'s Net Price, **65.00**

Advance Fertilizer Drill.

One of the best low-priced fertilizer distributors made. Has galvanized iron disk, which will not rust or break; a light and strong wrought-iron wheel, and a shut-off to prevent escape of fertilizer at end of rows. A first-class tool for drilling peas and corn.

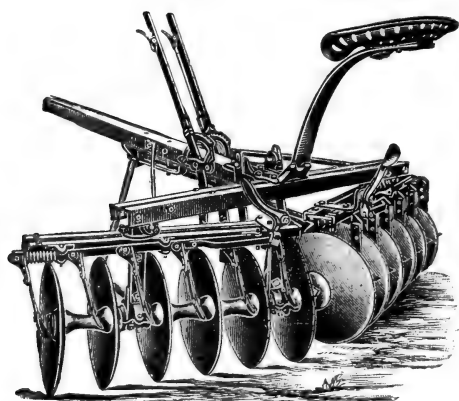


Price, \$6.25.

As it is possible to show only a few of these implements, a complete descriptive "Iron Age" Catalogue will be sent free on request.

Syracuse Farm Implements.

SYRACUSE DISC HARROW.



The Frame is made of double bars of highly tempered angle steel, giving both strength and rigidity. Each gang has a double-jointed hinge, which acts vertically and horizontally, giving flexibility and free action when working on uneven ground.

The levers are placed within easy reach, and each gang moved separately, so that they are easily operated. The gangs can also be set at different angles, when necessary, which is an invaluable feature when working on side hill or rolling land.

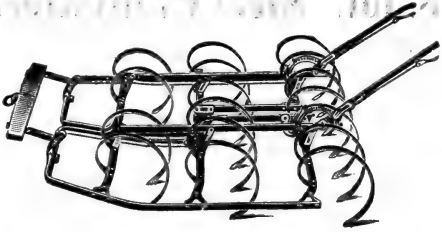
Price, 16-inch, \$21.00; 18-inch, \$22.00; 20-inch, \$24.00.

Including Neck Yoke, Whiffletrees and Eveners.

For Harrows with Cutaway Disc, add \$1.50 to the above prices.

SYRACUSE FARM IMPLEMENTS—Continued.

SPRING TOOTH HARROW.



15 Tooth, Two Horse,
17 Tooth, Two Horse,

Frame, tooth-bearing bars and teeth are steel. The frame runs on steel shoes, which can be renewed at small expense. All castings malleable. Most convenient for clearing and turning about or transporting from place to place.

This style of Harrow has advantages over the ordinary float Harrow, in that the depth of work can be quickly changed even while the Harrow is in motion, and by operating the levers a uniform depth can be maintained in soils of variable hardness.

Price, \$13.50
" 14.50

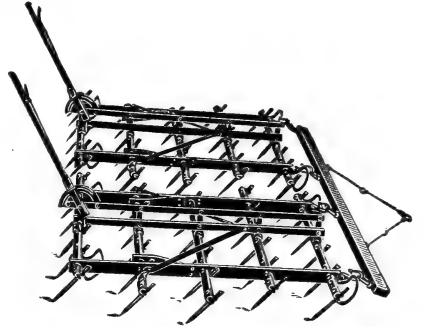
LEVER SPIKE TOOTH HARROW.

Two, three or four Sections.

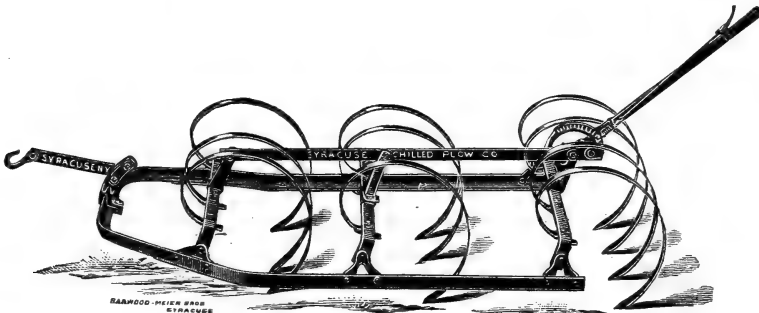
Adapted to pulverize and level the soil and to cultivate young crops. The teeth can be instantly changed from a perpendicular to a horizontal position, thereby throwing the Harrow on the runners for transportation. The teeth are adjustable for wear and the tooth-holders will hold equally well. Teeth one-half or five-eighths of an inch square.

60 teeth, two section.

Price, \$11.50

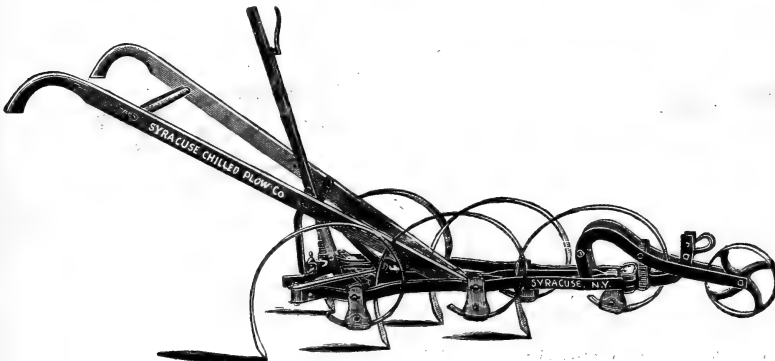


SYRACUSE SPRING TOOTH CULTIVATORS.



No. 145. Ten Tooth, One Horse, plain teeth, with lever.

Price, \$8.00.



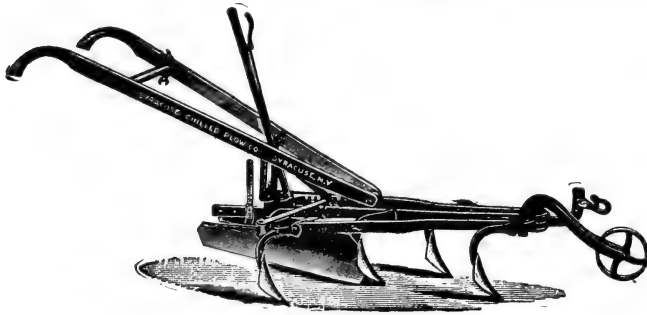
No. 64.

This style is especially adapted for use in stony ground. The frames are steel, strong, and well put together throughout. The teeth are fine oil-tempered springs, are alike and interchangeable, and are also adjustable for angle and depth.

Has expanding lever, five spring teeth and stationary wheel.

Price, \$6.00

SYRACUSE FARM IMPLEMENTS—Continued.



No. 101.

No. 101. Steel Cultivator.

Has Expanding Lever, five Points, Hiller Sweeps and Wheel, and is made with an extra long and heavy frame.

Price, \$6.75.



No. 123.

No. 123. Steel Cultivator.

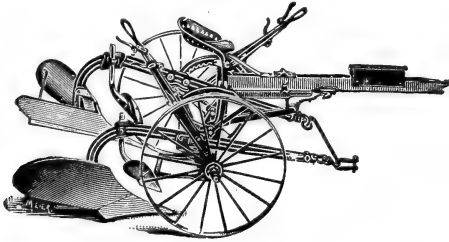
Has Expanding Lever, five 3-inch Wing Points, Shovel Point, and Stationary Wheel.

Price, \$4.75

No. 124. Steel Cultivator.

Expanding Lever, five 3-inch Points, Hiller Sweeps and Wheel.

Price, \$5.00.



Syracuse Reversible Sulky Plows.

Do Perfect Work on Hillside or Level Land.

No Ridges or Dead Furrows.

Light and Strong. Simple and Practical.

Two Perfect Combination Plows on separate Steel Beams, operated by separate Levers.

A Power Lift of simple design and easily handled, enabling any boy competent to handle horses, capable of running the Plow.

Steel wheels running on Steel Axles.

With each Sulky is furnished Neck Yoke, Whiffletrees, and Evener.

Descriptive Catalogue and Price mailed on Application.

Syracuse Steel Beam Plows.



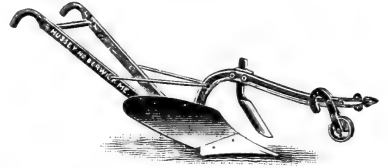
All parts steel. Workmanship and material of the very best grade and quality attainable. Superior turning qualities; will turn a furrow smoothly up or down on sloping land.

Descriptive Catalogue and Price mailed on Application.

A complete descriptive Syracuse Catalogue will be sent free on request.

HUSSEY STEEL-BEAM PLOWS.

These Plows are very strongly built, have the regular "Hussey" shaped mouldboard, which is so much liked by New England farmers, are made of the best materials throughout, are easily held, and are as nearly complete and satisfactory in every respect as the most critical farmer can ask.



Descriptive Catalogue and Prices Mailed on Application.

IMPROVED POTATO HOE.



This implement, known as the "Chandler Hoe," is especially adapted for hilling potatoes, banking celery and also as a coverer. It is also much used as a "Marker" for different crops, making the rows parallel and equally distant.

Price, \$6.00.

NATIONAL REVERSIBLE SULKY PLOW.

Will Plow Stony, Rough Side Hill, or Level Land.

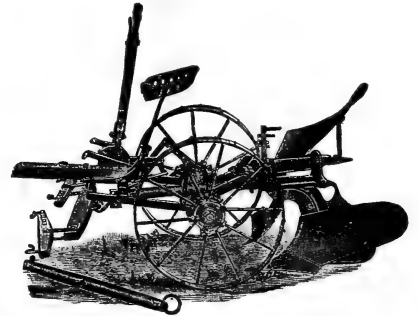
ONLY NEEDS TO BE TESTED, TO BE APPRECIATED.

Of Light Draft and Easily Handled.

With each Sulky is furnished Neck-Yoke,

Whiffletrees and Evener.

Descriptive Catalogue and Price Mailed on Application.



J. J. FRYE'S STEEL AND IRON PLOWS.

Descriptive Catalogue and Prices Mailed on Application.

The Yankee Swivel Plow.



The most perfect working Reversible Plow we have ever offered. Has a wooden beam, patent steel metal mouldboard, with patent steel shifting lever and clevis, enabling the plowman to take any desired width of furrow without stopping his team. Manufactured of superior hard metal in four different sizes. For full information and prices, send for Yankee Plow Catalogue.

THE "KEYSTONE" ADJUSTABLE WEEDER.

The "Keystone" is the only Weeder that is adjustable to depth and width. It can be used as a shallow cultivator, working close to the plants, between the rows, until the crops mature.

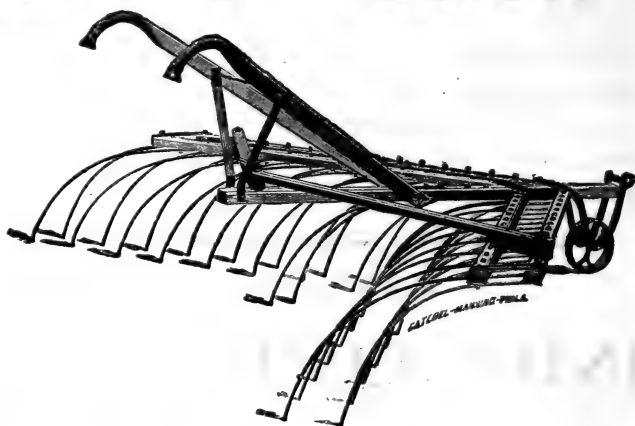
Will not clog. The long, curved, spring teeth are so placed and shaped that clogging is impossible.

Can be weighted down and teeth will stand 150 pounds pressure.

Keeps the surface fined to admit the air, thereby creating a mulch that absorbs the moisture and retards evaporation.

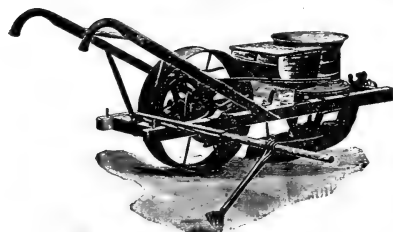
Can be expanded to 7½ feet and narrowed to 30 inches.

Price, \$8.50.



THE KING OF THE CORNFIELD, CORN PLANTER AND FERTILIZER DISTRIBUTOR.

Plants Corn, Beans, Peas, Beets, and other Seeds of like Size.



This planter is perfectly adapted to every requirement; durable and simple in construction, not liable to get out of order, and is arranged to drop any desired quantity of seed or fertilizer at a time, at equal and various distances apart, in hills or drills of uniform depth. *The seed-dropping device is positive, never misses or skips a hill.*

Price, \$20.00.

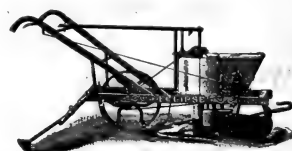
Descriptive Catalogue Mailed on Application.

ECLIPSE CORN PLANTER

And Fertilizer Distributor.

For Planting Field or Ensilage Corn, Beans, Peas or Beet Seeds, in Hills or Drills.

Price, \$20.00.

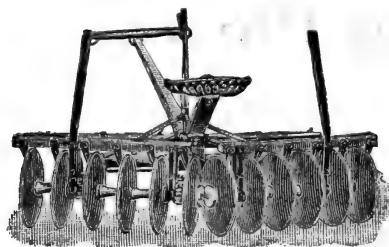


ECLIPSE DOUBLE ROW CORN PLANTER.

Will distribute from 50 to 600 lbs. fertilizer to the acre. Can be adjusted to make the rows 36, 38, 40 and 42 inches apart.

Plows can be adjusted to plant corn from one to four inches deep, as desired. Price, \$45.00.

Descriptive Catalogue Mailed on Application.

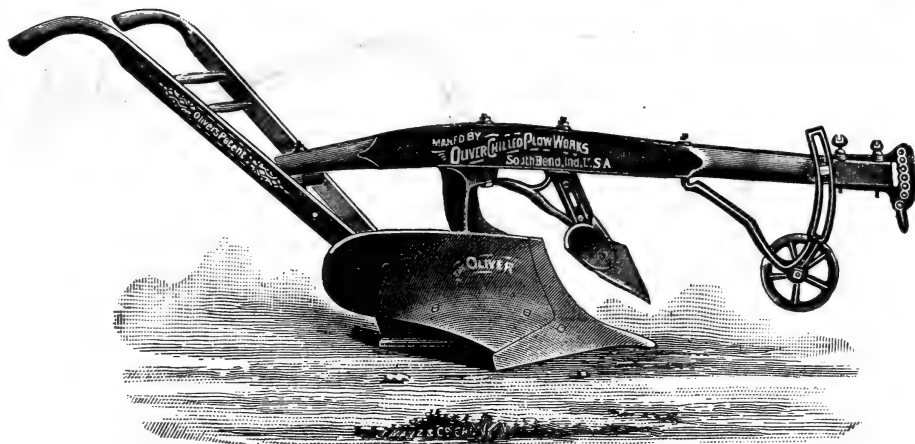


The Yankee Disc Harrow.

Price, 16-inch, \$21.00; 18 inch, \$22.00; 20-inch, \$24.00.

Including Neck Yoke, Whiffletrees and Evener.

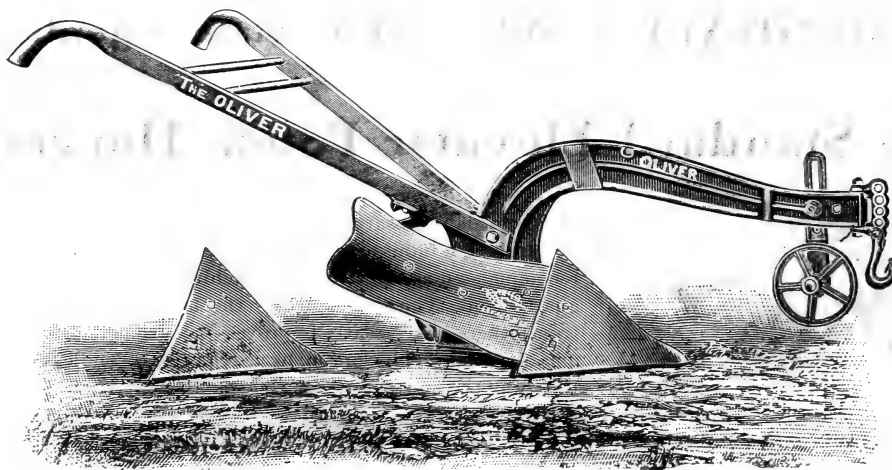
OLIVER CHILLED PLOWS.



No. 40X Wood or Steel Beam, Full Chilled.

A two or three-horse plow, first-class in all respects, and immensely popular. Will turn a furrow 9 x 16 inches.

No. 40X	Chilled,	Wood Beam,	with	Wheel	and	Jointer	or	Cutter	.....	Price,	\$12.50
" 40X	"	Steel	"	"	"	"	"	"	"	"	\$13.50



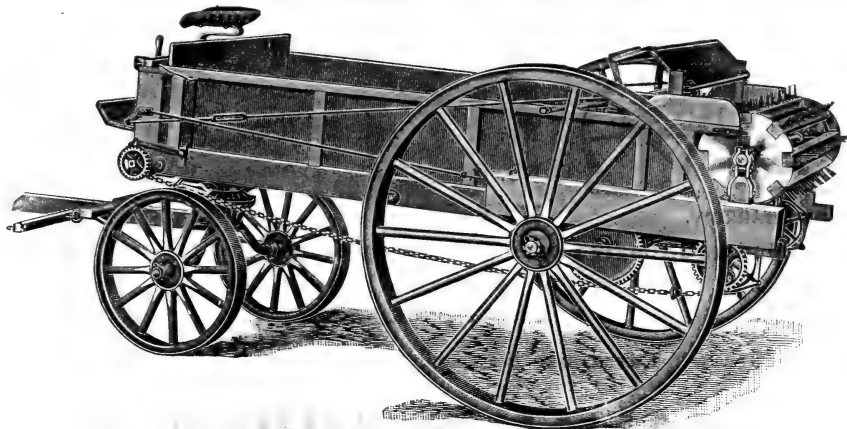
No. 58 Hillside. Iron Beam, Chilled Mouldboard and Share.

Designed for hillside, mountain farm, and level land plowing, especially where the soils are stony and hard to penetrate. Can be furnished with shifting clevis and hanging coulter, when desired.

No. 58.	Chilled,	Iron Beam,	with	Wheel	and	Cutter	.....	Price,	\$11.75
" 58,	"	"	"	"	"	"	and shifting Clevis	.....	\$13.75

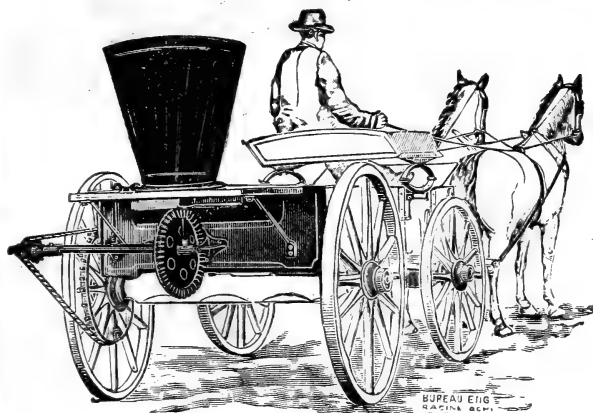
THE WORCESTER KEMP MANURE SPREADER.

Is built in four sizes. Suits all classes of farmers and every variety of farming.



The strongest spreader built, lightest draft, does its work with certainty, handling all kinds of manure, lime, ashes and fertilizer, accurately gauging the amount put out per acre.

Send for Circular and Price List.



The Racine BROADCAST SEEDER.

Will sow perfectly any quantity to the acre of all kinds of Grain, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. Will also sow Peas, Corn and Fertilizers; in fact, anything which requires broadcasting in a most satisfactory manner.

Price, \$7.50.

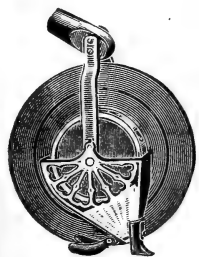
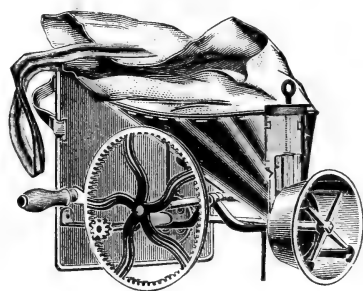
THE CAHOON BROADCAST SEED SOWER.

For Sowing Wheat, Oats, Barley, Rye, Buckwheat, Grass Seeds, etc.

This hand machine sows from four to eight acres per hour, at a common walking gait.

A saving of four-fifths of the labor, and one-third of the seed used in hand sowing is effected by using this machine. A person entirely unused to sowing by hand can use it with perfect success. Warranted to give satisfaction.

Price, \$3.00.

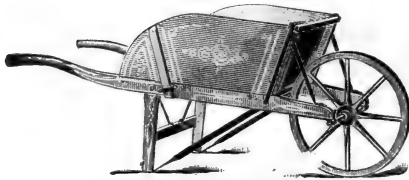


The Eureka KITCHEN GARDEN and HOT BED Seed Drill.

Will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity.

Price, \$1.00.

WHEELBARROWS.



GARDEN BARROW.

No. 2. K. & W. Garden Barrow.....	\$2.50
No. 3. " " "	2.60
No. 4. " " "	2.75
No. 5. " " "	3.25
No. 6. " " "	3.75

No. 4. Custom Made. Strongly ironed and heavily braced.....	3.25
No. 5. " " " " " " "	3.75
No. 6. " " " " " " "	4.25
Lawn or Stable Barrow. Extra size (box being 32 in. x 25 in. x 18 in.).....	7.00

CANAL BARROWS.



STEEL TUBULAR CANAL BARROW.

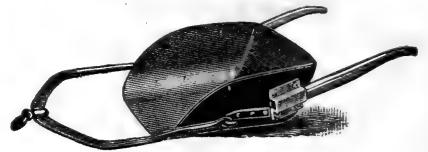
Wood Tray, \$1.75 & \$2.25
Steel Tray No. 10, 3.50
All Steel, 6.50



CANAL BARROW.

STEEL ROAD SCRAPERS.

No. 1. Price.....	\$6.00
No. 2. "	5.75
No. 3. "	5.50



CAST IRON HEAD FOR DRAG.



This illustration shows a simple device whereby a drag can be readily made by using STRAIGHT plank. Price, \$3.50

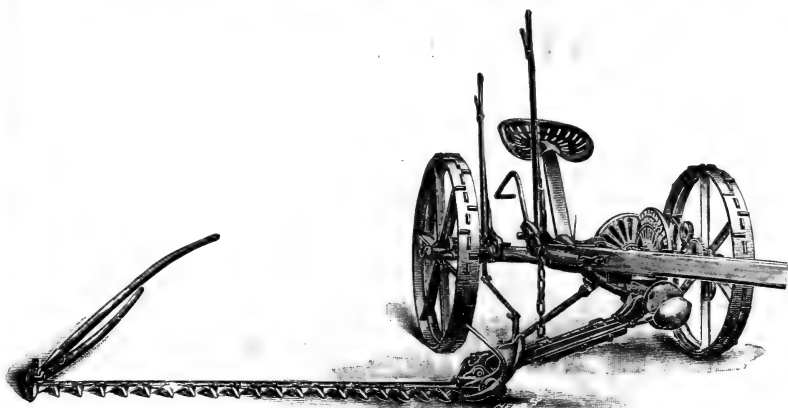
We also furnish the drag complete as shown below. Price, \$7.50



TWO-SECTION STEEL LAND ROLLERS.

Prices furnished on application.

The Worcester Buckeye Mower.



TWO-HORSE, FIVE-FOOT STANDARD WORCESTER MOWER.

The Worcester Buckeye represents the combined results of many years of study and skill of expert mechanics, until it is to-day one of the strongest and best-made mowers manufactured.

Briefly stated, the important features in the Worcester Buckeye are simplicity of construction, durability, light draft, and interchangeable parts. It is easily kept in condition, and will cut any grass that grows in the shortest possible time.

Prices on Application.

The Bullard Hay Tedder.

The Bullard Tedder takes the hay up from the bottom, shakes it in the air, and leaves it lightly on the ground for the sun and air to complete the work.

The forks of a Bullard Tedder never clog. They extend outside the wheels, and hay that has been teded is not run over and matted down.

If you want to get a tedder that will do its work in the right way, and give you the most lasting satisfaction, buy a Bullard.

There are many farmers who prefer an all-steel construction, and to meet the demands of such we offer the Worcester Steel Tedder. It is built on the principle of the Bullard, has roller bearings, and is built of best materials throughout.

Prices on Application.



THE NEW MODEL MUDGETT TEDDER.

THOROUGHLY MADE AND ADJUSTED IN ALL ITS PARTS.

The draft is light, owing to high wheels and direct application of power to the work, no intermediate gears being used. Price on application.

ADRIANCE

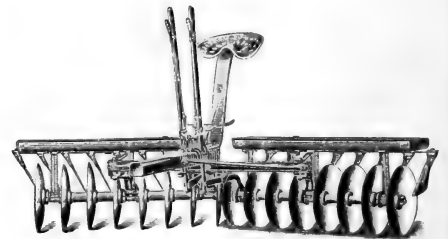
FARM MACHINERY

**MOWERS****REAPERS****GRAIN BINDERS****CORN BINDERS****RAKES****HARROWS****ROLLERS****TEDDERS****ADRIANCE PLYMOUTH BINDER TWINE**

Adriance Machines are good Machines, with a past record of successes only gained by honest dealings in every department. Our Catalogue explains in detail the full line of Adriance Farm Machinery. Send for a Catalogue, which we gladly mail upon request.

THE NEW YORKER DISK HARROW

Anti-Friction Bumpers. The bearings are fitted with dust caps to prevent dirt from getting in the bearing chambers. Gang frames of steel throughout. The scrapers can be set against the disks and locked there by simply touching the lever with the foot. With or without weight boxes as ordered.

**ADRIANCE, PLATT & CO.,**

PORTLAND, MAINE.

Home Office, POUGHKEEPSIE, N. Y.

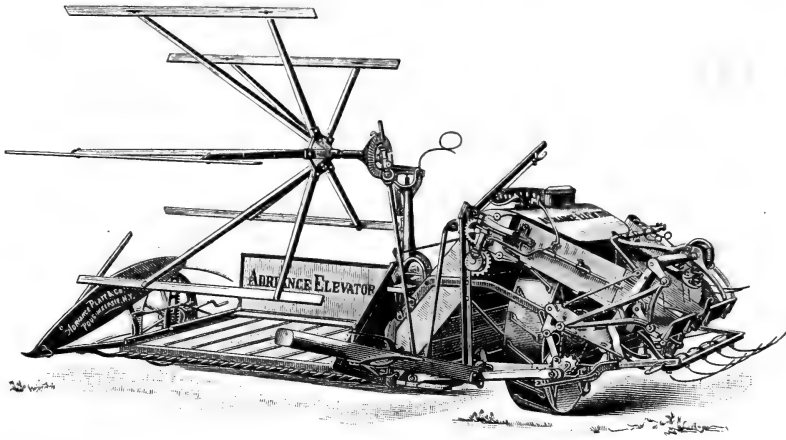
KENDALL & WHITNEY,

Transfer and Selling Agents.

PORTLAND,

- MAINE.

THE ADRIANCE ELEVATOR BINDER.



THE SPECIAL FEATURES OF THE ADRIANCE ELEVATOR BINDER.

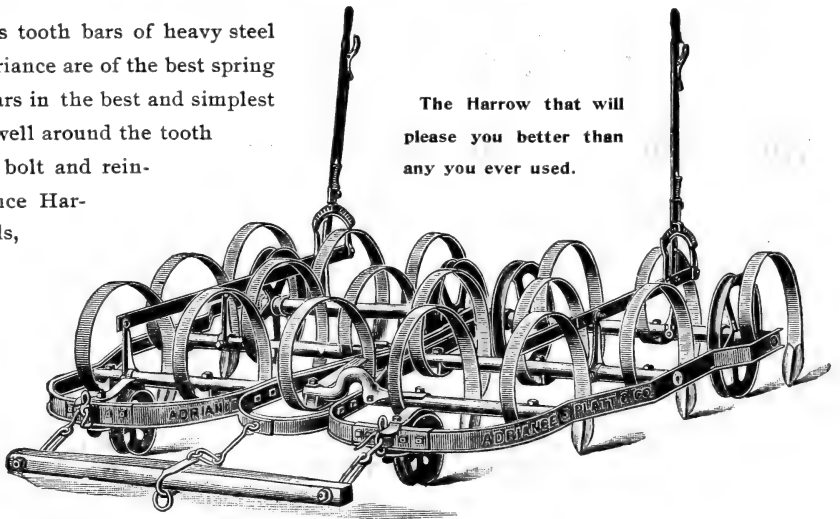
1. An Elevator Chain, driving only the aprons and butt adjuster; saving two-thirds of the wear on chain.
2. Elevators driven from the top rollers, a deck roller and a steep deck; sure delivery of grain to packers.
3. Large Roller for upper elevator; the greatest elevating capacity of any binder in the world.
4. Straight Drive Binding Attachment; the simplest, most positive and frictionless binder drive in existence.
5. Apron Tightener of the simplest and best design on every apron on the machine.
6. Binder Attachment with but one pair of straight-faced gear in the driving mechanism.

THE ADRIANCE SPRING TOOTH WHEEL HARROW.

The Adriance Harrow has tooth bars of heavy steel tubing. The teeth of the Adriance are of the best spring steel, fastened to the tooth bars in the best and simplest manner, the tooth wrapping well around the tooth bar, and secured by a heavy bolt and reinforcing washer. The Adriance Harrow is supported on wheels, which do not revolve on the tooth bars but on renewable bushings.

A center tooth at the front of the Harrow keeps the front clear. The Adriance Harrow can be converted into a perfect riding harrow at little extra expense. The adjusting levers are within easy reach of the driver, whether riding or walking at the rear.

The Harrow that will
please you better than
any you ever used.



The International Harvester Co.'s Line of Osborne Farm Implements.

THE NEW OSBORNE MOWER,

Which we have placed on the market, is the accumulated excellence of nearly fifty years in the building of grass cutters. Every device that is practicable, durable and desirable for a Mower has been combined in the construction of this splendid machine.

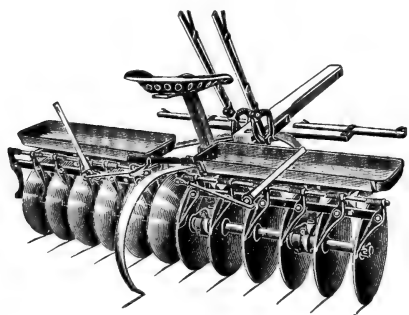
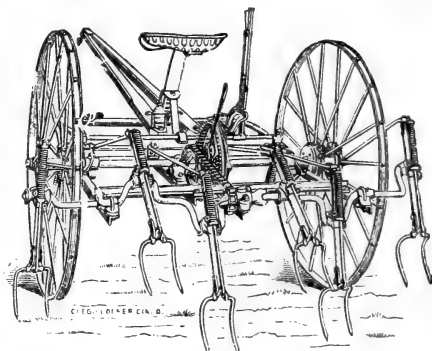
THE MAIN FRAME reaches from wheel to wheel, with roller bearings at each end.

THE FINGER BAR, should it sag back, can be aligned with a monkey wrench in three minutes.

EACH DRIVE WHEEL has four pawls in it, working in twenty-nine teeth. This is the closest connection of any Mower made, starting the knife the instant the machine runs forward, prevents clogging and insures a clean cut. This Mower has been thoroughly tested and is guaranteed in every respect.

THE OSBORNE CENTER DRIVE TEDDER.

A perfect tool in every respect. The main frame is heavy angle steel, firmly riveted throughout, the corners re-enforced by brace plates. The cranks are so placed that only one fork can touch the ground at a time, thereby receiving the full power of each wheel, which insures **easy draft**. The points of the fork are back of its pivot, which allows it to bend backward when striking an obstruction.

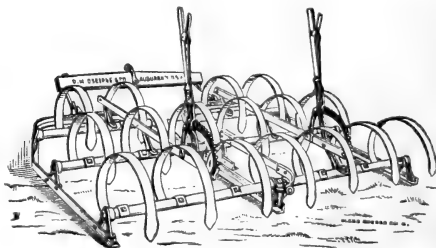


OSBORNE RIVAL DISC HARROW.

Is the best equipped and most durable Disc Harrow made; it has **weight boxes**, **center tooth** for cutting ridge between gangs, **three-horse attachments**, two levers, draw frame made in one piece and a square axle, furnished in all sizes of solid and cutaway disc.

THE OSBORNE SPRING-TOOTH HARROW.

Is the oldest and best lever set, spring-tooth harrow on the market. A new device for the adjustment of the teeth makes it more valuable than ever. Made very strong, and will last a lifetime.



OSBORNE

PEG HARROWS,
CULTIVATORS,

ALL STEEL HAY RAKES,
CORN HARVESTERS,

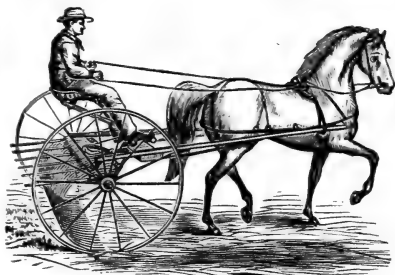
RIDING SPRING-TOOTH HARROWS.
COMBINATION HARROWS,
GRAIN BINDERS,
TWINE AND OIL.

A full line of extra parts always in stock.

Prices on Application.

KENDALL & WHITNEY, Transfer and Selling Agents.

THE YANKEE HORSE RAKE.



Some of the Leading Points of Superior Excellence found in the Yankee Horse Rake.

Simplicity in construction and excellent quality of materials.

Adaptability to rake anywhere, whether the fields are rough or smooth or the hay green or dry.

Rake-head adjusted so as to *balance the weight* of the teeth.

This device (peculiar to the Yankee Rake) prevents the teeth from falling back heavily to the ground, after dumping the windrow. It also completely prevents the teeth from dragging heavily and digging up old rubbish or filling the hay with dirt and dust.

Teeth run level with the ground at their points.

Teeth always made from the best crucible cast steel, tempered in oil.

A tooth can be inserted or removed in less than five seconds, and without disturbing any bolts.

Each tooth is perfectly independent in action and supplied with a yielding spring that will allow it to pass safely over any obstruction that the axle can pass over, saving at least three-fourths of the expense of broken teeth caused by pressure bars and guides used on rakes that **CANNOT USE THIS PATENTED DEVICE.**

Send for Circular and Price List.

THE "GENUINE" NEW YORK CHAMPION HORSE RAKE.

In the construction of the New York Champion Rakes, only the best material obtainable is used, making it a well-built and well-finished rake.

It will not dig up new seeding.

It has no springs to get out of order.

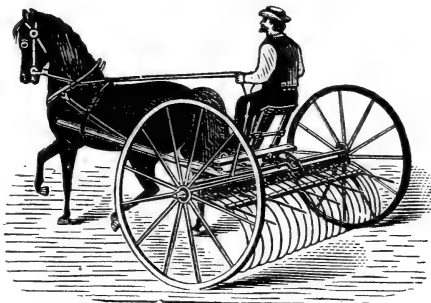
It is very easy to keep the teeth up after going over a windrow.

It can be held down to make very large windrows, or bunch them up.

It is so easily managed that a boy can use it as well as a man.

Patent oscillating cleaner, the only device that fully prevents the hay from rolling and working into the wheels.

Send for Circular and Price List.



THE WORCESTER HORSE RAKE.

This rake is well known, and has won an enviable reputation wherever it has gone. It is simple in construction, strong and reliable, and will rake rough places or smooth ground equally well. It has flattened sled-runner-shape teeth, the best steel tires, steel axles and hickory wheels. **Special Attention** is called to the improved Carrying device for holding rake-head up when dumped, and carrying it any desired distance before dropping. *The Worcester Rake is made ALL STEEL construction if preferred by our customers.*

Price on Application.

THE FOWLER MOWER KNIFE AND TOOL GRINDER.



The Grinder ranks pre-eminently at the head of its class, and its simplicity and perfect work represents scientific development of the highest order. It is simple in construction and operation, for, with the oscillating reversible support for either end of bar, and the Ball and Socket Joint to adjust the wheel to any degree or angle, the Fowler will grind anything of tool description, and **Harvester Knives to Perfection**, regardless of length of bars or position of sections, obviating waste by unnecessary grinding or stopping to adjust and clamp bar as with other so-called "Section Grinders."

Thousands in Use, Giving Perfect Satisfaction.

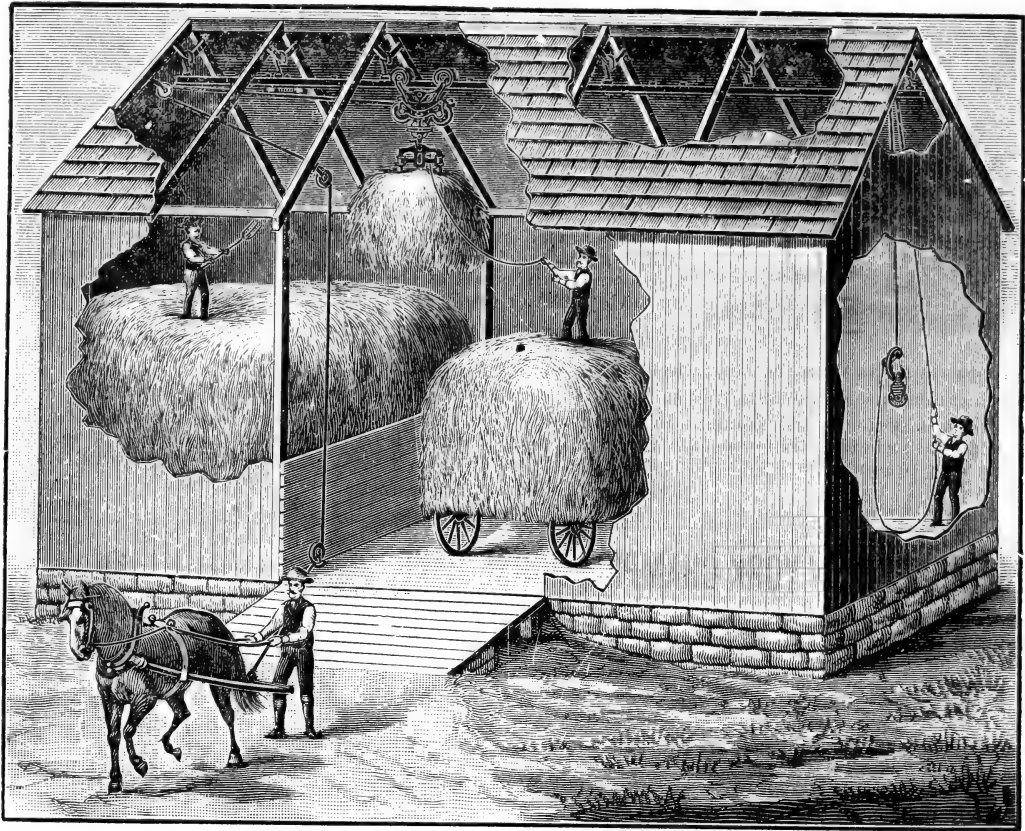
Price, \$3.50.

SECTIONS FOR MOWERS AND REAPERS.

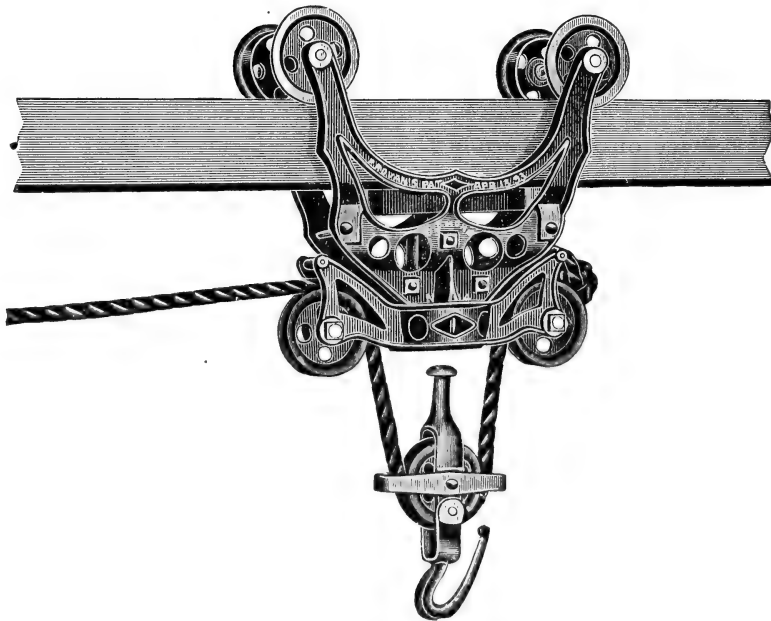
Farmers can have their orders promptly filled by sending directly to us for Sections for all kinds of machines. Sections will be polished on both sides, and stamped with the name of the machine for which they are intended.

 In ordering send size of Section wanted. 

ALL KNIVES AND SECTIONS WARRANTED.



CUT SHOWING "DIAMOND" HAY CARRIER AT WORK.
WRITE FOR PRICES.



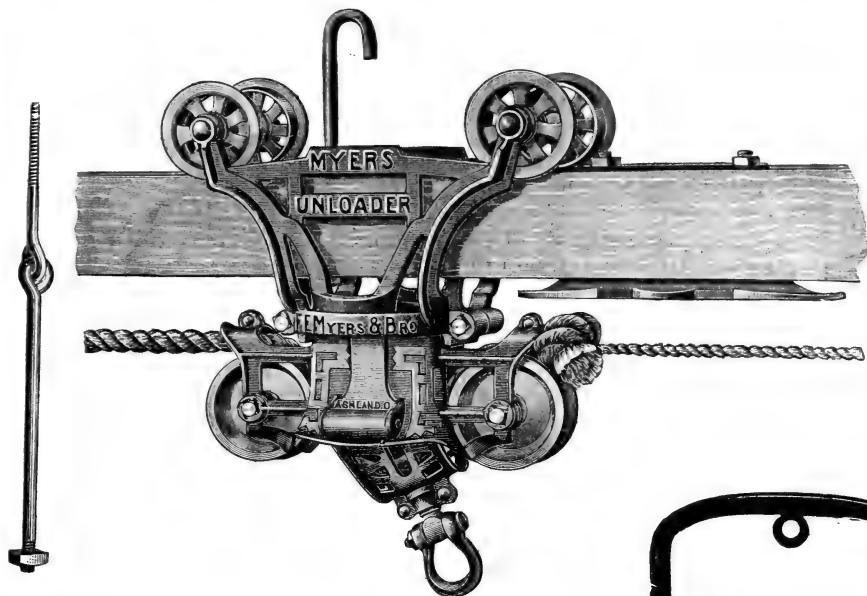
DIAMOND WOOD TRACK CARRIER.



Rafter Bracket
with Stop.



Rafter Bracket.



Screw Eye
Hanging Hook.

Myer's Unloader for Wood Track.



Hanging
Hook.



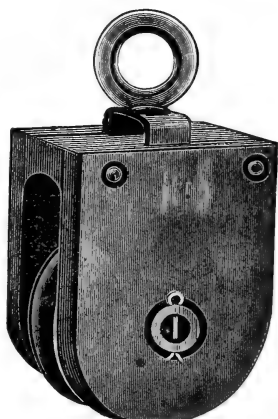
Floor Hook.



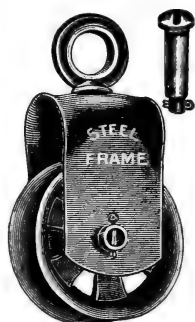
Steel Rafter Grapple.



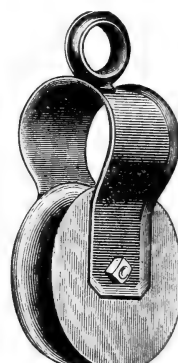
Double Harpoon Fork.



Reed Pulley with
Hook or Eye.



Steel Frame
Pulley.



Knot Passing
Pulley.



THE HERO CHURN.

The "Hero" Churn we offer to those desiring a low-priced barrel churn, as we believe that there is more value for the money in this churn than in any other ever brought to our notice.

The churns are made of best white oak, thoroughly seasoned and kiln dried, having galvanized iron rim in head, making it very strong. The cover fastening is very simple and efficient.

No.	Mnfr's Price.	K. & W.'s Price.
1 Ten Gal., churns from 1 to 5 gals. cream.....	\$ 9.00	\$ 4.75
2 Fifteen Gal., churns from 1 to 7 gals cream	10.00	5.50
3 Twenty Gal., churns from 2 to 9 gals. cream.....	11.00	6.00
4 Twenty-five Gal., churns from 2 to 12 gals. cream	14.00	7.25
5 Thirty-five Gal., churns from 3 to 16 gals. cream	16.00	8.75
6 Sixty Gal., churns from 6 to 22 gals. cream.....	22.00	11.50

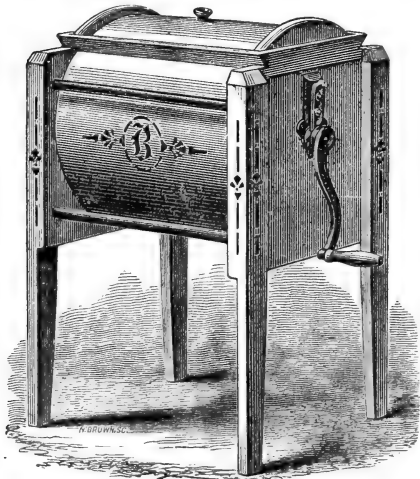
The Stoddard Churn.

ONE OF THE MOST PERFECT CHURNS MADE.

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated and easily cleaned. Perfect in construction, and having no parts liable to break or get out of order, it fully meets the requirements of large or small dairies.



No.	Mnfr's Price.	K. & W.'s Price.
1 Ten Gallon, churns from 1 to 4 gals. cream	\$ 8.00	\$ 7.00
2 Fifteen Gallon, churns from 2 to 7 gals. cream	9.00	8.00
3 Twenty Gallon, churns from 3 to 9 gals. cream	10.00	9.00
4 Twenty-five Gallon, churns from 4 to 12 gals. cream	12.00	10.50
5 Thirty-five Gallon, churns from 5 to 19 gals. cream.....	14.00	12.00
5½ Forty-five Gallon, churns from 5 to 20 gals. cream.....	17.00	14.50
6 Sixty Gallon, churns from 6 to 28 gals. cream.....	20.00	17.00



THE BLANCHARD CHURN.

The following are the leading merits of the BLANCHARD CHURN:

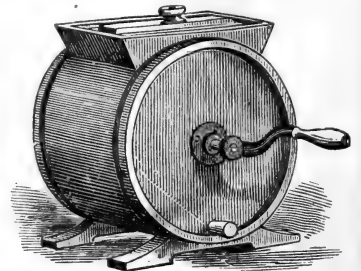
Perfect quality of all materials used. Excellency of manufacture. Simplicity of construction, having no cog wheels or gearing. Durability. Ease of operation. The action of the dasher is such as to cause agitation of the cream by creating currents, and not by beating or by friction of the cream, which may injure the grain of the butter. Facility in removing the dasher and getting at the butter. Ease of cleaning, the form of construction making the inside without any inaccessible or invisible angles or corners.

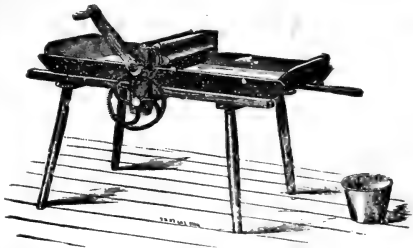
No. 3, for up to about 2 gallons of cream.....	\$4.50
No. 4, " " 4 " "	5.00
No. 5, " " 6 " "	5.75
No. 6, " " 12 " "	7.00
No. 7, " " 16 " "	8.25

CYLINDER CHURNS.

A Favorite Style of Churn which has been in Use for Many Years.

No. 1, capacity 2¼ gallons....	\$1.75	No. 4, capacity 10½ gallons....	\$2.75
No. 2, " 4 "	2.25	No. 5, " 15 "	3.25
No. 3, " 7 "	2.50		





THE Waters Butter Worker.

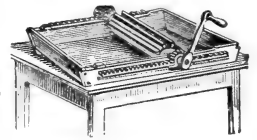
Practical, efficient, durable. It combines more advantages than any other. The tray is removable and thus takes the place of the butter bowl.

Will work butter in any condition satisfactorily. Made in sizes to suit any dairy or factory.

Size No.	Length of Tray.	Width of Tray.	Capacity.	Mnfr.'s Price.	K. & W.'s Price.
0	27 in.	14 in.	1 to 15 lbs.	\$ 7.00	\$ 6.00
1	36 in.	15 in.	5 to 30 lbs.	8.00	7.00
2	36 in.	18 in.	5 to 40 lbs.	9.00	8.00
3	39 in.	20 in.	5 to 50 lbs.	10.00	9.00
4	48 in.	22 in.	10 to 75 lbs.	12.00	11.00

REID'S PATENT BUTTER WORKER.

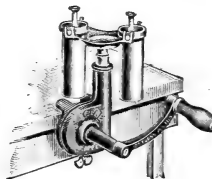
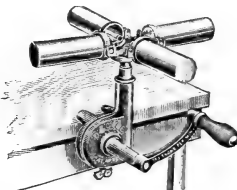
These machines are all built of the best material; the iron part is galvanized, preventing rust.



No.	Size	Mnfr.'s Price.	K. & W.'s Price.
No. 1.	Size, 23 x 36 inches, 2 1/4 inches deep inside; capacity, 50 lbs.,	\$10.00	\$7.50
No. 2.	" 20 x 36 " 2 1/2 " " " 30 "	8.00	6.00
No. 3.	" 17 x 27 " 2 1/2 " " " 20 "	7.00	5.25
No. 4.	" 14 x 23 " 2 1/2 " " " 10 "	6.00	4.50

Three pounds can be worked in any of the above machines, as well as a larger quantity. In buying a machine, you should choose a size that will work the largest quantity that you will be likely to want to work at a time.

THE "FACILE" IMPROVED BABCOCK MILK TESTER.



The day for cheap, poorly made Babcock Testers has gone by, and a demand has now sprung up for a substantial and durable machine. It is for this reason that the "Facile" has been placed on the market, and no expense has been spared to make it complete in every way.

2 bottles.....	\$4.00	8 bottles.....	\$8.50
4 "	5.00	10 "	9.50
6 "	7.50		

"TESTED" GLASS WARE FOR BABCOCK TEST.

	EACH.		EACH.
Babcock's Test Bottles (for milk), 10 to 25%	30c.	2 OZ. GRADUATES,	30c.
Babcock's Test Bottles (for cream), 25 to 50%	35c.	4 OZ. GRADUATES,	40c.
PIPETTES,	25c.	6 OZ. GRADUATES,	50c.
ACID MEASURES,	30c.	8 OZ. GRADUATES,	60c.

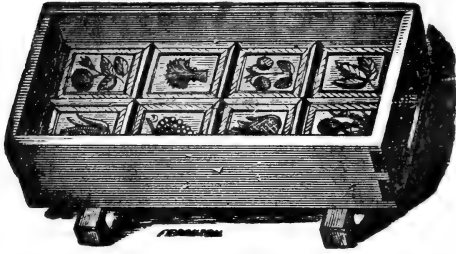
PARCHMENT BUTTER PAPER.

FOR WRAPPING AND COVERING BUTTER.

Better, Cheaper and more Convenient to use than Ordinary Muslin. Price, 15c. per pound.

Special quotations for large quantities and printing special designs.

COMBINATION BUTTER MOULDS.



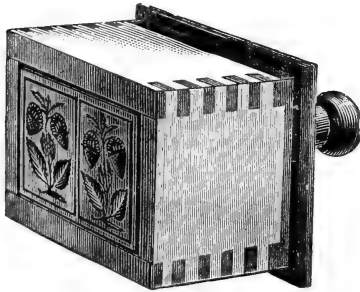
These moulds are expressly designed to meet the growing demand for strictly first-class hand-carved designs, for during the past few years the creamery and dairy men have been much more particular about the appearance of their butter than formerly.

The extensive sale and great satisfaction given by the use of the COMBINATION MOULDS has earned a reputation second to no others in use.

The cut here shown represents Mould No. 6, which holds two pounds, and is divided into eight cakes, $\frac{1}{4}$ pound each.

Prints engraved to order, with any Design, Initial or Monogram, without extra charge.

No. of Print.	No. of Cakes.	Capacity in lbs.	Capacity of each Cake in ounces.	Dimensions of Moulds in inches.	Dimensions of each cake.	Price.
1	3	1½	8	10 x 3½	3½ x 3½	\$3.50
2	4	2	8	11 x 3¾	3¾ x 2¾	3.75
3	4	2	8	12 x 3	3 x 3	3.75
4	4	1	4	4½ x 5	2¼ x 2½	3.50
5	4	1	4	10 x 2½	2½ x 2½	3.75
6	8	2	4	10 x 4½	2¼ x 2½	4.50
7	6	1½	4	10 x 3½	3½ x 1¾	4.25
8	12	1¼	2	12 x 4	2 x 2	5.00
9	16	1	1	10 x 3	1½ x 1½	5.00
10	24	1½	1	10 x 4	1¼ x 1½	5.25
12	8	4	8	11 x 5	2¾ x 2½	4.50
20A	4	2	8	11 x 4½	3½ x 2½	3.75



Kimball's Butter Moulds.

Square Mould.

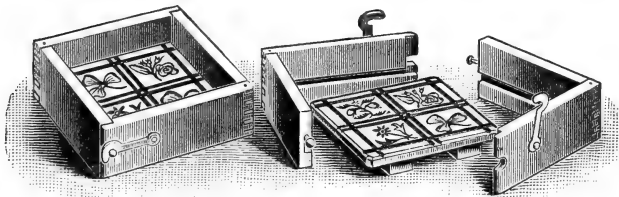
Square, 1 pound, two one-half pound prints...\$.75
 Square, 1-2 pound, two one-fourth lb. prints... .65
 Square, 1-2 pound, single print..... .65

Round Mould.

Round, 1-2 pound.....\$.30
 Round, 1-4 pound..... .25
 Round, 1-16 pound..... .20
 Round, 1-32 pound..... .15



BLANCHARD BUTTER MOULDS.



$\frac{1}{2}$ lb., two $\frac{1}{4}$ lb. Prints, 35c. ; 1 lb., four $\frac{1}{4}$ lb. Prints, 50c. ; 2 lb., eight $\frac{1}{4}$ lb. Prints, 75c.

If engraved with initials, add 25 cents for each letter.

BRUSHES.

We are in a position to furnish the best kind of Brushes for dairy use, and recommend especially our line of Can and Bottle Brushes. These are made of genuine bristles. Write for prices.

PURE PARAFFINE, For Creamery and Dairy use.

BUTTER TRYERS, Nickel Plated, 50c. each.

CHEESE TRYERS, Nickel Plated, 60c. each; Polished Steel, 25c. each.

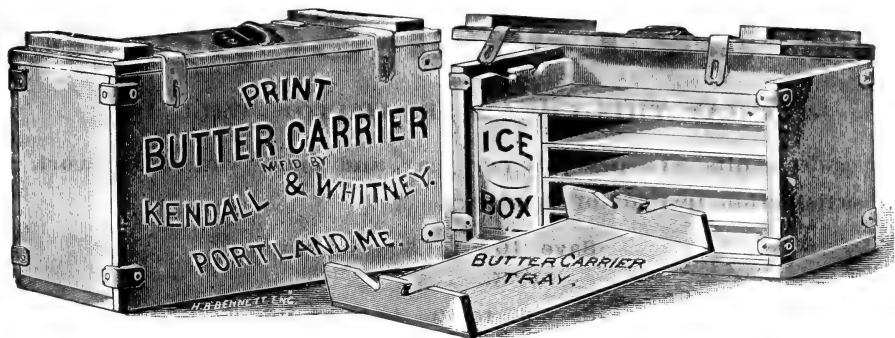
GRAIN AND SEED TRYERS, Nickel Plated, 75c. each.

TUB COVER FASTENERS.

"Leader," 85c. per 1,000.

"Universal," 85c. per 1,000.

"Star," per lb., 12c.



BUTTER CARRIERS.

These Carriers are made of White Wood and are very strong and durable, with trays so arranged that the butter is not marred in the least in handling. The ice box is made of zinc, and has two compartments, the top for ice and the bottom for the water as the ice melts, so that the ice is melted by air alone, thereby lasting much longer than if the ice rested in the water.

Each Carrier is filled with trays, which, when ordering for ice boxes, are 4½ inches shorter than the dimensions given below.

The capacity given is for half-pound prints of the standard size. The capacity varies with other styles and sizes of prints.

Without Ice Box.	With Ice Box.	No. Trays.	Size.	Price.
12 lbs.		3	10½ x 7¼ inches, 2 inches deep	\$1.75
24 "	18 lbs.	3	10½ x 14¾ " " " "	1.85
30 "	24 "	3	10½ x 18¼ " " " "	2.00
40 "	34 "	4	10½ x 18¼ " " " "	2.25
50 "	44 "	5	10½ x 18¼ " " " "	2.50
60 "	54 "	6	10½ x 18¼ " " " "	2.75

Ice Box, with three extra Trays, 75 cents. No Ice Box or extra Trays sent unless ordered.

Non-Returnable Butter Shipping Boxes.

These Boxes are furnished in shook, and are made in the following standard sizes. 25 boxes in a package.

10 lbs. per one hundred with printed ends,	\$ 7.00	48 lbs. per one hundred with printed ends,	\$14.00
20 " " " "	10.00	50 " " " "	15.00
32 " " " "	12.00	60 " " " "	16.00
40 " " " "	13.00		

Price not printed, 50 cents per hundred less.

MORE'S Pyramidal Milk Strainer.

Most Perfect Milk Strainer ever offered to Dalrymen. Can be used on Railroad Cans, Creamery Cans, Factory Cans, Small Pans, etc. Cleans milk rapidly, will not clog, has large straining surface.

Strainer, with Rest or Funnel,	\$1.25
Strainer, with Rest and Funnel,	1.40
Extra Rests or Funnels, each,	.15



The De Laval Separator.

WHAT THIS CREAM SEPARATOR WILL DO.

Save in cash results \$10 per cow per year, and make your dairy work a source of profit and satisfaction instead of drudgery.



Daisy Separator.

Save 10% to 50% in skimming.

Save 5% to 10% in churning.

Increase butter value 5% to 50%.

Insure purity of product.

Give a much superior cream.

Give cream of any desired density.

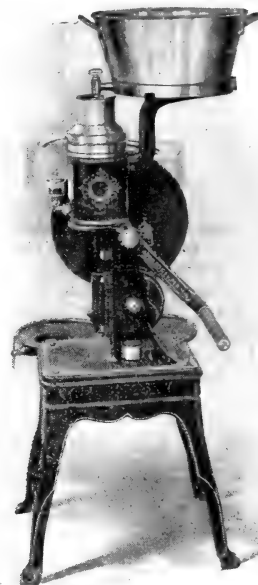
Give warm, fresh, sweet skim-milk.

Do away with taints and odors.

Enhance keeping qualities.

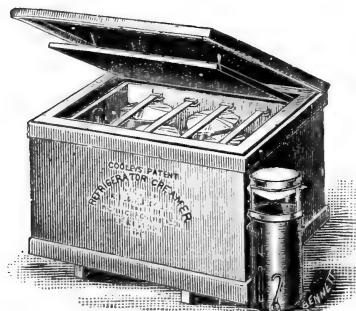
Save one-half time in churning.

Save labor, ice and water.



Iron-stool Baby Separator No. 1.

Send for Descriptive Catalogue and Price List.



COOLEY CREAMERS.

"Refrigerator Style."

"Refrigerator" style has *double walls*, with two air spaces and two covers, and not being readily affected by heat or cold will require much less ice in the summer season than a single wall tank, and the water will not freeze in the winter season.

Price of Tanks, less Cans:

	K. & W.'s Price.
No. 1, for three cans	\$ 9.00
" 2, " four cans.....	12.00
" 3, " six cans.....	14.00
" 4, " eight cans.....	16.00
" 5, " ten cans.....	17.50
" 6, " twelve cans.....	19.00
" 7, " fourteen cans	22.00
" 8, " sixteen cans.....	26.00

Price of Tank includes Strainer Frame and Thermometer.

Price of Cans, separate from Tanks:

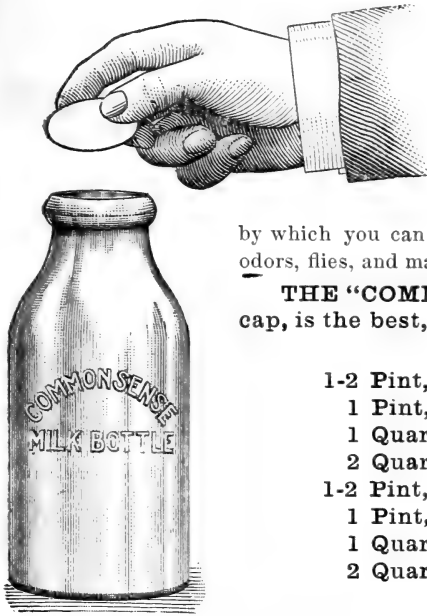
Cooley Cans	\$1.75
Cooley Cans, with lock cover	1.90
Cooley Cans, with lock cover and bail.....	2.00
Cream Storage Cans, with Cooley cover.....	1.25

Milk or Cream Bottles.

Did it ever occur to you that you should investigate the source of your milk supply and the process by which it is handled and delivered?

If you will do so, you will refuse to receive milk in any other vessel than **GLASS BOTTLES**, as it is the only way by which you can get milk that has not come in contact with the numberless street odors, flies, and many other undesirable influences.

THE "COMMON SENSE" BOTTLE, capped by a strong, clean paper cap, is the best, and no taint is possible in milk put up in these bottles.



	Per Dozen.
1-2 Pint, Common Sense,	\$.50
1 Pint, Common Sense,	.60
1 Quart, Common Sense,	.75
2 Quart, Common Sense,	1.25
1-2 Pint, Lightning (Tin Top),	.60
1 Pint, Lightning "	.70
1 Quart, Lightning "	.85
2 Quart, Lightning "	1.35

Gross Price Quoted on Application.

Milk or Cream Bottle Cases.

The Case is designed to put the bottle in when filled with milk for delivery. The rack inside is removable for the purpose of cleaning.

Quart case, holding 12 Quart Bottles,	35 cts.
Pint " " 12 Pint " "	35 cts.



THE EUREKA STRAINER PAIL, With Removable Strainer. STRAINS RAPIDLY AND THOROUGHLY.

Sediment does not collect on the strainer, but passes beyond and accumulates in a pocket designed for it, where it is removed with the strainer.

PRICES: 12 Qt., 90 cts.; 14 Qt., \$1.00.

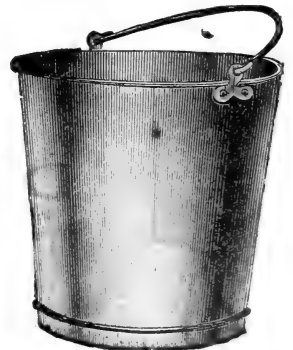
PLAIN MILK PAILS.

IX 10 qt.,	\$.25	2 X 10 qt.,	\$.30
IX 12 "	.30	3 X 12 "	.40
IX 14 "	.35	3 X 14 "	.45

WEIGHING PAIL AND TUBES, \$2.25 EACH.

WIRE MILK BOTTLE BASKETS.

2 quarts,	each, 30 cents
4 " "	" 60 "
6 " "	" 65 "
8 " "	" 75 "



MILK CANS.

We can furnish Milk Cans in any desired style, size or quantity.

Prices will be furnished on application.

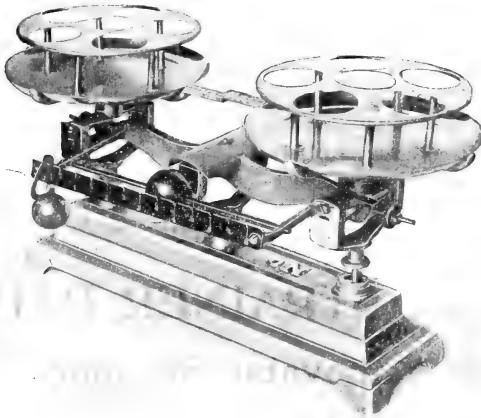


Creamery Cans.

	Each.
Eclipse Cans,	\$1.75
Cooley "	1.75
Cooley " with lock cover,	1.90
Cooley " with lock cover and bail,	2.00
Maine "	1.25
Goss "	1.50
"K. & W." Storage Cans,	1.00
Cooley " "	1.25



Cooley Creamery Can.



Cream Testing Scale.

For use in connection with Babcock Tests.

This scale is especially designed for very accurate weighing of cream. Has a bottle rack on each side, and a balancing beam to take the tare of the bottles. Has rust-proof agate bearings, and is entirely galvanized.

Price, \$12.00.

Scale, No. 612.

CHATILLON'S IMPROVED Circular Spring Balance Milk Scale.

Full line—all sizes. Size weighing 60 lbs., used by all dairy men. Price, \$3.25.



DAIRY SCALES.

Write for Price List.





Butter Tubs.

We are in a position to furnish Superior Spruce Butter Tubs, in any quantity desired.

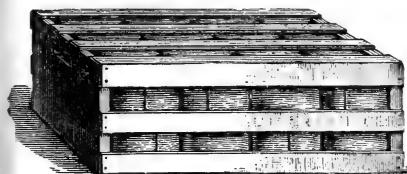
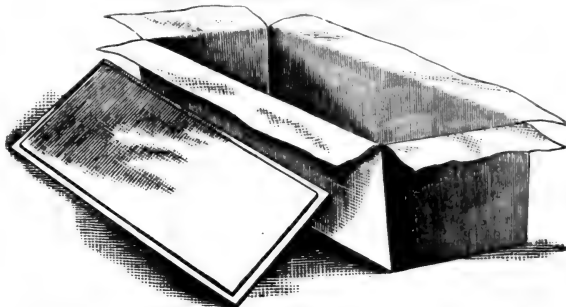
Our tubs are kept in stock in 10, 20, 30 and 50 lb. sizes, and shipments can be promptly made.

Special prices for large quantities. Write for quotations.

Dumas Improved Butter Box,

With Parchment Lining.

The box holds five pounds of packed butter, is nearly brick shaped, flaring so the butter will turn out, and is in the best possible shape to cut up for the table in square like prints, and free from waste. Write for prices.



BLANCHARD BUTTER BOXES.

This is a round, firm, clean and cheap package in which to send butter to market. The wood from which it is made is thoroughly steamed before working, which makes it as nearly odorless and tasteless as possible.

Write for Prices.

ONE-POUND.

Folding Paper Butter Boxes.

ODORLESS

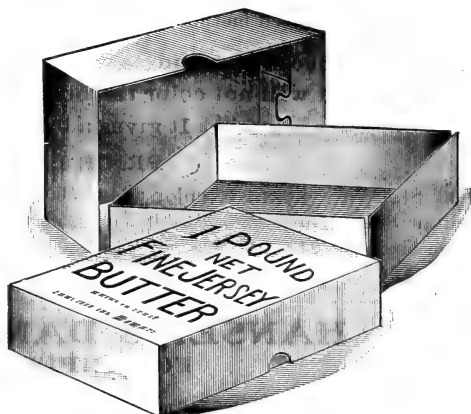
AND

TASTELESS.

Plain or

Printed.

Send for Price List.



HAM'S TUBULAR

"Search Light" Lanterns.

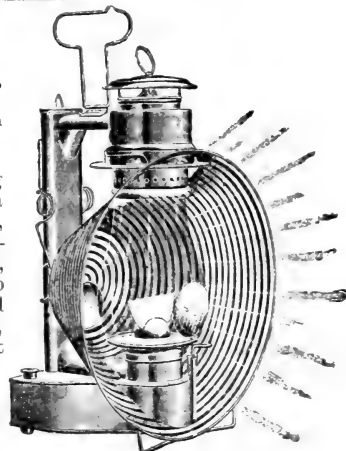
No. 2 Burner, one in. Wick, finished in Blue Japan.

Just the lamp you want where a strong light is required and to be spread over a large space, as in creameries, stables, saw and planing mills, warehouses, packing houses, workshops, picnic grounds, lawns, summer resorts, etc. The lamp throws a brilliant and steady light, and will burn as well out of doors as inside, without smoking or flickering, and is not affected by the wind or strong drafts.

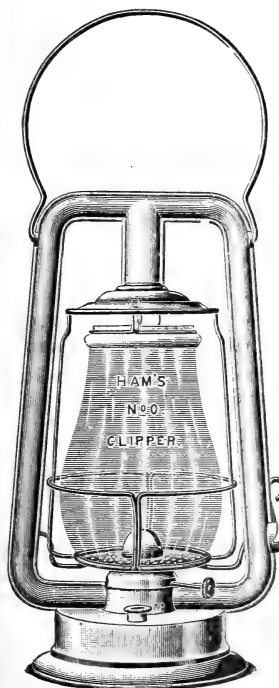
Price, No. 20, \$1.50 each.

No. 40, \$3.50 each.

We have in stock a full line of all the leading lanterns. Prices furnished on application. "SEARCH LIGHT" LANTERN.



Ham's Side Spring Safety Lantern.



Burner Cone Securely Locked. Always Works Easily.

ALDERNEY BUTTER COLOR.

Pronounced one of the best ever produced. Does not color the buttermilk. Does not fade or turn rancid. Is free from sediment. It gives butter a much more desirable color than many others, in fact it is the **Standard June Shade**, giving the butter, when ready for market, a very handsome appearance.

Price per gallon, \$1.75.

KENDALL & WHITNEY, Agents for Maine.

CHR. HANSEN'S DANISH BUTTER COLOR.

The most Uniform, the Purest and the Most Natural Shade.

Made with the Finest Imported Vegetable Oil.

To butter makers desiring a pure, vegetable butter color, we do not hesitate to recommend Hansen's Danish as unquestionably the best in every respect.

Its high quality has never been approached by any competing preparation, and many shippers of the finest butter demand the exclusive use by their butter makers.

PRICE LIST.

Small Size,	which will color about 500 lbs.....	\$.25
Medium Size,	" " 1250 lbs.....	.50
Large Size,	" " 2800 lbs.....	1.00
Cans,	1 gallon each,	2.35

**WELLS, RICHARDSON & CO.'S****IMPROVED BUTTER COLOR.**

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods.

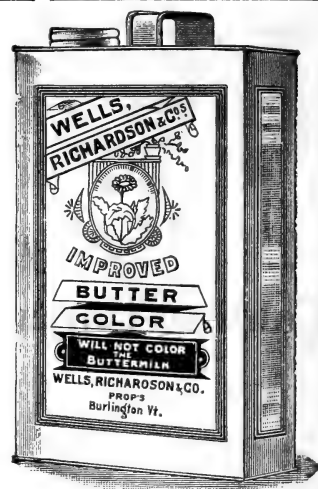
It will not become rancid.

It will not color the buttermilk.

It gives a bright June color.

PRICE LIST.

Small Size,	4 ozs., to color about 500 lbs.....	\$.25
Medium Size,	10 " " 1250 " .....	.50
Large Size,	24 " " 2800 "	1.00
Cans,	1 gallon each,	1.75

**CHR. HANSEN'S DANISH DRY LACTIC FERMENT.**
FOR RIPENING CREAM AND MILK.**PRICE LIST.**

LARGE PACKAGE. —Single package, by mail, prepaid.....	\$2.25
Three packages, by express, prepaid, per package.....	2.00
SMALL PACKAGE. —Single package, by mail, prepaid.....	1.00
Three packages, by mail, prepaid, per package.....	.75

Farrington's Alkaline Tablets. For Testing the Acidity of Milk or Cream.

These Tablets have been used successfully as a means by which creamery and dairymen are constantly learning more about their business, and they are a great aid in securing top instead of fair or medium prices for all kinds of dairy products

100 tablets (postage paid).....	\$.50	Complete outfit, consisting of 1000 tablets, 100
1000 tablets " "	2.00	c. c. cylinder and 17.6 c. c. pipette, by
100 c. c. cylinder.....	.95	express.....
17.6 c. c. pipette .....	.20	\$2.75

HANSEN'S DANISH RENNET EXTRACT AND RENNET TABLETS For Cheese Making.

Always of the same strength, entirely preservable, separates the cheese matter completely, and gives the greatest quantity possible. **Quart Bottles, each, 50c. Can of 200 No. 2 tablets, \$2.00.**

ACID.

FOR BABCOCK TEST. Pure, Clear, free from Specks.

We guarantee this Acid to be of proper strength for making tests.

4c. per lb. Carboys furnished at reduced rates.

Star Milk Aerators and Coolers.

ALL COPPER, TIN COATED.

The capacity of Star Coolers is based on hot weather temperatures having ample reserve. *Capacity guaranteed.*

No. 00. Fixed Trough. For use in dairies of from 10 to 14 cows; milk has downward flow of 40 inches. Size, 13½ inches wide, 22½ inches high, 1,000 square inches cooling surface; will cool 40 gallons of milk per hour to 54 degrees with water at 52 degrees.

Plain Cooler.....\$ 9.00
Elevated Water, complete..... 15.00
Syphon Attachment, complete..... 20.00

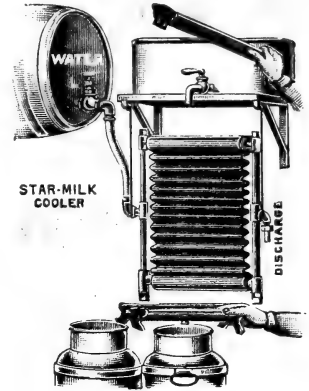
No. 0. Removable Trough. For use in dairies of from 14 to 16 cows where two or three men milk; milk has 40 inches downward flow. Size, 14 inches wide, 20 inches high, 1,100 square inches cooling surface; will cool 50 gallons of milk per hour to 54 degrees with water at 52 degrees.

Plain Cooler.....\$15.00
Elevated Water, complete..... 20.00
Syphon Attachment, complete..... 27.00

Nos. 1, 2, 3 and 4 have Removable Trough and a galvanized frame around the cooling surface, which protects same.

The water enters and discharges through frame which hangs on centres; cooler turns over to be cleaned and does not have to be removed from brackets, saving time and handling.

Short trough at bottom of cooler can be turned from one can to another without spilling the milk.



REID'S IMPROVED PASTEURIZER.

All three cases are now made from copper, also the bottoms, where formerly only the inside case was copper. This will make the pasteurizers far more durable.

These pasteurizers are made to use *live* steam. If *exhaust* steam is to be used please advise us when ordering.

Write for Circular and Price List.



Prices: No. 1, 25c.; No. 2, longer, 30c.; No. 3, longest 35c.; full set, of each size, 75c.



2 1-4 inch, Self-retaining. Exact Size.

"STAR" MILKING TUBES.

For drawing milk from cows with sore or obstructed teats.

Made from white metal and heavily plated with pure silver, and warranted equal to solid silver ones in every respect, at about one-fourth the cost. Sent by mail to any address on receipt of price.

The "Boston" Aseptic Milking Tube.

Manufactured regularly in 1¾, 2¼, 2¾, 3¼ inch lengths, as desired. Price, 25c.

Milk Bottle Caps.

Nos. 1 and 2, "Star," 30c. per 1,000, in Cases of 5,000, \$1.25 per Case.

Nos. 1 and 2, "Boston," 25c. per 1,000, in Cases of 5,000, \$1.10 per Case.

Nos. 1 and 2, "Health," 40c. per 1,000, in Cases of 5,000, \$1.75 per Case.



THE CHERRY IMPROVED JACKETED CREAM CAN.

This Transportation Can is one of the best constructed and strongest cream carriers ever offered.

Where creameries are operated on the gathered cream plan, and the cream is hauled by routemen, who collect it, or where it is necessary to carry it a considerable distance from skim stations to the churning plant, *this can is indispensable.*

Price:—20 gals., \$6.00. Special quantity price to creameries.

CHAMPION MILK COOLER AND AERATOR.

A Perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

A complete deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

A thorough cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is Automatic, requiring no attention while in operation.

Is low down, combining greatest cooling surface with least height.

It is as simple in construction and easily cleaned as a pail—no joints or seams for the harboring of impurities and no crooked pipes to rust.



No.	Capacity of Milk Receiver.	Size of Dairy.	Takes Care of	Price.
1.	10 quarts	1 to 10 cows	2 Milkers	\$4.75
2.	18 "	10 to 25 "	3 "	5.00
3.	34 "	25 to 50 "	5 "	5.50
4.	52 "	50 to 100 "	8 "	6.75



RICE'S WEANER.

For preventing calves and cows sucking themselves or each other.

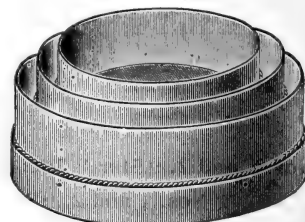
No. 1, for Calves, **30c.**; by mail, **35c.**

No. 2, for Heifers, **50c.**; by mail, **56c.**

No. 3, for Cows, **75c.**; by mail, **85c.**

SIEVES.

Hair Sieves. 8 inches,	35 cents.
Hair Sieves, 12 "	50 "
Hair Sieves, 14 "	65 "
Wire Sieves, 12 "	15 "
Wire Sieves, 13 "	20 "
Wire Sieves, 14 "	25 "





BARNARD'S ADJUSTABLE STANCHION.

BARNARD'S ADJUSTABLE STEEL HEAD CATTLE STANCHION.

The Best Cattle Fastener Ever Invented.

All Sizes in One.

Practically Indestructible.

[No Getting Loose in Joints.

By simply loosening three nuts, it can be set to any size from 5 to 7 inches. Can be fitted to the animal while confined in it.

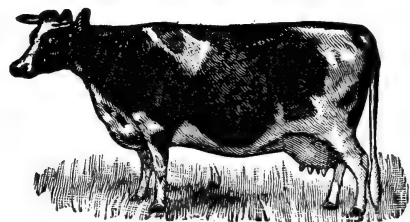
BARNARD'S COMBINATION HEAD RIGID STANCHION.

The Best Rigid Stanchion Ever Put on the Market.

Write for Catalogue and Price List.

KOW-KURE.

A MEDICINE FOR COWS ONLY.



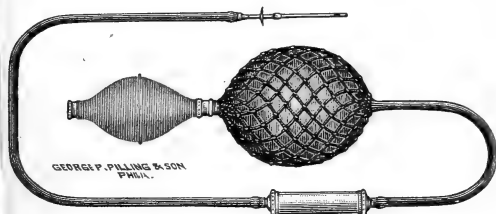
It acts upon the digestive, generating, and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the root of trouble, and cures cow diseases by removing the CAUSE.

It prevents Abortion, cures Barrenness, removes Retained Afterbirth, prevents Tuberculosis, stops the Scours, cures Milk Fever, Caked Udder, Swelling in the Bag, increases the flow of milk, cures cows "off their feed," improves the quality of milk and MAKES COWS PAY. Price, 50c. and \$1.00 per Can.

GRANGE GARGET CURE.

Positively cures Garget without in any way injuring the cow or lessening the flow of milk. Price, 50c. per Can.

THE PILLING MILK FEVER OUTFIT FOR STERILIZED AIR TREATMENT.



This Treatment has Cured 97 per cent. of all Cases Treated.

Recommended by the Bureau of Animal Industry, United States Government, Department of Agriculture.

The outfit consists of the instrument, a roll of tape, and a package of carbolized cotton and full directions.

Price, \$3.00.

Pray's Patent Ice Plow.

This plow is especially designed to meet the demand for a cheap and efficient ice cutter for farmers and dairymen. It will cut from 20 to 40 tons an hour, cutting the ice blocks of uniform size, which saves much labor when packing.

The Superiority of Pray's Ice Plow.

1st. The extra weight of the rider holds the plow to its work and allows the horse to be hitched much closer to the plow—an advantage where the pond is small and all the ice needed from the edge of the pond.

2nd. It is the only plow that can be successfully used by one person. The draft back of runners omits the necessity of leader or rider.

3d. It is the only plow that has an adjustable tooth.

4th. It is the only plow that works with runners.

5th. It turns easier at the end of the row than any other plow.

6th. It cuts ice with more economy on a small pond than any other plow.

Upon a shallow pond where a saw cannot be used this plow is indispensable. A horse and one man can cut as much ice as ten men with saws.



WARRANTED TO WORK AS REPRESENTED.

Price, Four-Tooth Plow, \$12.00; Six-Tooth Plow, \$16.00; Eight-Tooth Plow, \$17.00; Ten-Tooth Plow, \$18.00.

Write for Price List of Ice Tools.

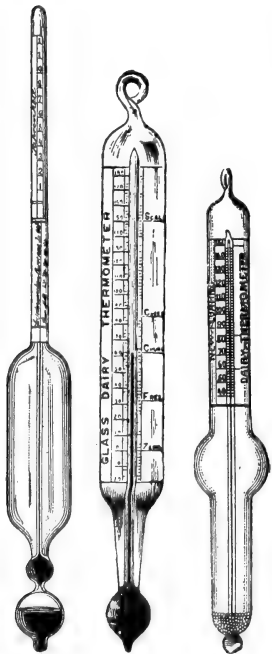


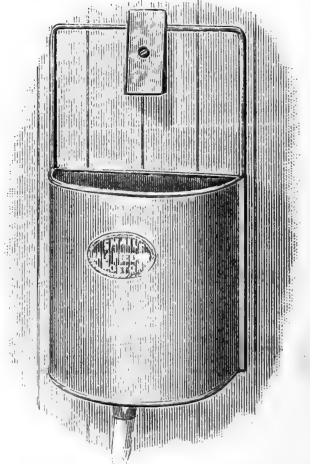
Fig. 91. Fig. 93. Fig. 94.

SMALL'S CALF FEEDER.

This is a device by which the calf may be fed away from its dam, and with any mixture of milk, skim milk, warm water, porridge (or whatever else is healthful and desirable), with convenience, and in the natural way with that admixture of saliva which does not occur when calves drink from a pail.

Price, \$2.00.

Extra Nipples, 25 cents each.

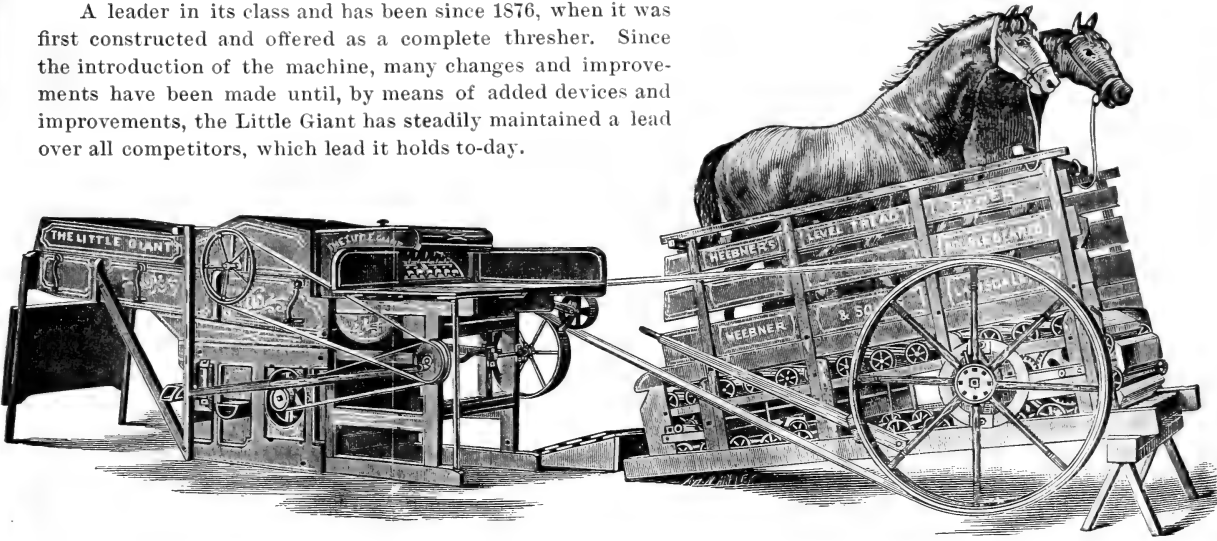


Lactometer (Fig. 91), for testing the quality of milk,	40 cts.
Floating Dairy Thermometer (Fig. 93),	20 cts.
Standard Floating Dairy Thermometer (Fig. 94),	50 cts.
Cream Test Tubes,	30 cts.

If sent by mail, add Five Cents for postage.

Heebner's Little Giant Thresher.

A leader in its class and has been since 1876, when it was first constructed and offered as a complete thresher. Since the introduction of the machine, many changes and improvements have been made until, by means of added devices and improvements, the Little Giant has steadily maintained a lead over all competitors, which lead it holds to-day.



Heebner's Level-Tread Horse Powers.

Double and Direct Geared Machines.

The Double Gear is a finely-constructed and very powerful machine, containing many points of excellence, and probably the best *double-gear*ed power ever produced; easy on the team, durable, and perfectly satisfactory.

To those who desire a power for general purposes, at less cost, we recommend the *Direct Gear*. It is not so heavy as the double-gear^d power; is cheaper, and is more easily handled. It is simple in construction, and so made that it will run finely for years.

Heebner's "Daisy" Saw Machine.

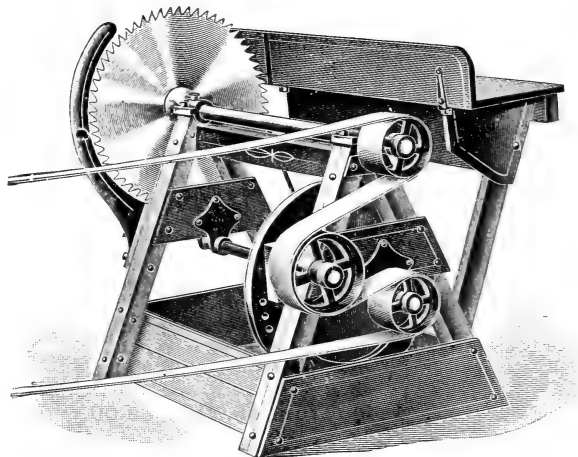
FOR POLE SAWING.

The "Daisy" is a strong and durable machine, and is sold at a very low price. It is made of the very best materials, and so constructed that the machine can be operated with the least possible expenditure of power.

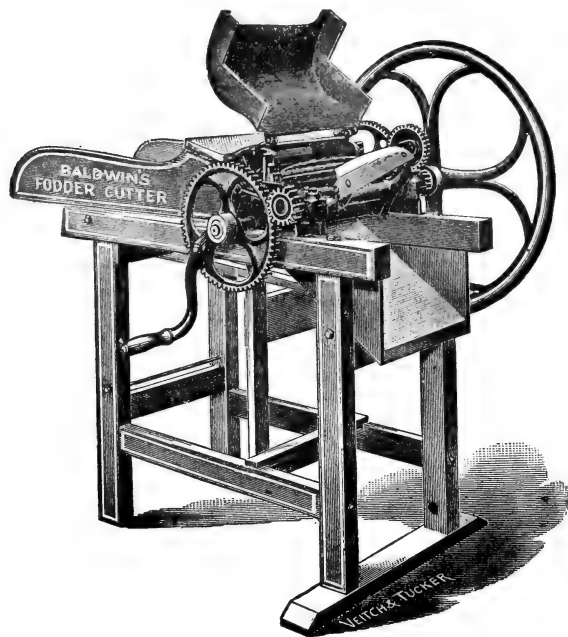
It runs so easily that a one-horse level tread power will drive it fast enough to keep two men busy while the machine is in operation.

The table has a swinging motion, which is easy and accurate, and when the saw blade is not in use, and the operator stops work, the table keeps the saw from exposure.

Either 20, 22 or 24-inch saw blade may be used. Larger saw blades may be used if it is stated in the order what size is desired, so that the shield in rear may be made to accommodate the larger saw.



Write for Descriptive Catalogue and Price Lists of all the Heebner Machines.



BALDWIN'S Ensilage and Fodder CUTTERS.

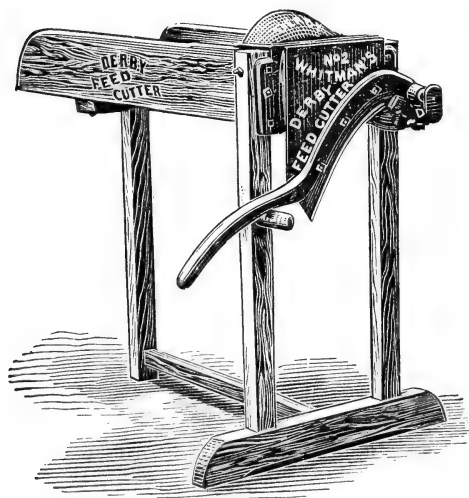
MADE IN 12 SIZES.

Everywhere recognized as a standard machine and sold by the leading trade throughout the country.

The only really successful machine made for light power, and one which is easy to feed, easy to keep in order, and is very durable.

Cuts with great rapidity Hay, Straw, Corn Stalks, Ensilage, etc. Guaranteed to give satisfaction. Send for Circular and Price List.

Derby Feed Cutters.

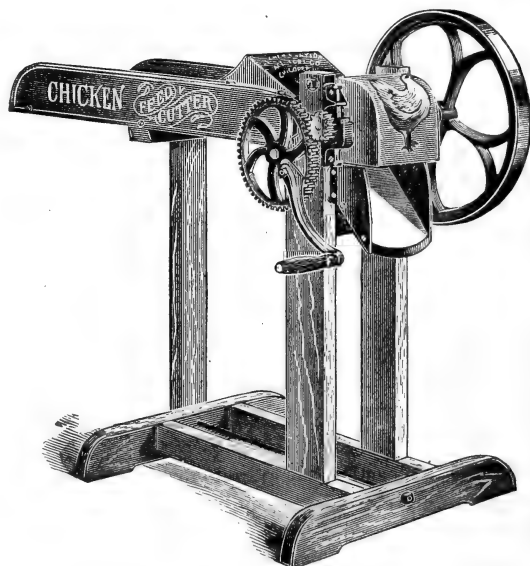


This Iron Handle Lever Cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust, grind and keep in repair.

Price from \$3.00 to \$6.00.

Chicken Feed Cutter.

INVALUABLE TO POULTRY RAISERS.

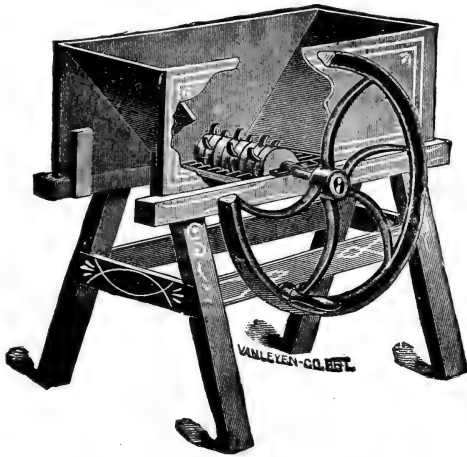


This is a highly efficient machine for cutting clover, hay or other feed into extremely short lengths. It is made with three knives $6\frac{1}{4}$ inches long, and a Self-Feeding Comb Roller, which straightens the feed as it is presented to the knives, making a more uniform length of cut. It cuts very rapidly, being one of the fastest machines of its size now upon the market.

Cuts 1-4, 7-16, and 3-4 inches.

Price, \$15.00

Champion Root Cutter.

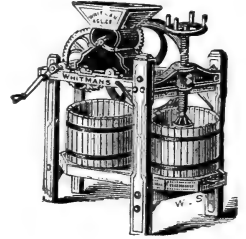


This well-known root or vegetable Cutter has been on the market for many years, and is too well known to need further description. It is well made of good material.

Price, \$6.00

WHITMAN'S Monitor Cider Mills.

Several improvements have been added, such as new Hopper, the Rolls made longer and larger in diameter, new Adjustable Crusher or Breaker Roll, which increases the capacity, grinds the fruit coarse or fine, as the grinders are adjustable.

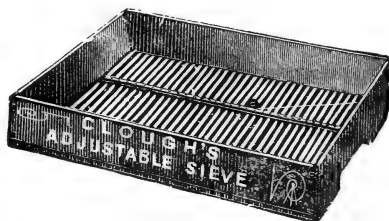
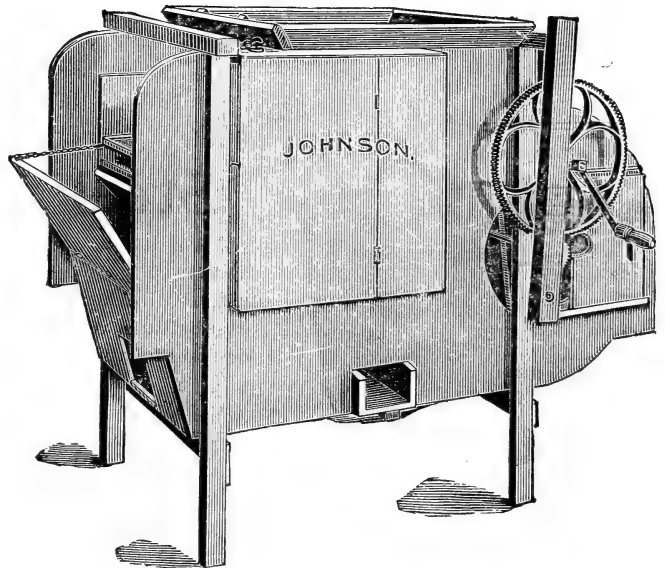


Senior Monitor, 2 Crank,	\$22.50
“ “ 1 “	21.00
Medium Monitor,	16.50
Junior Monitor,	13.25
Hutchinson No. 1,	10.00
“ No. 0,	9.00

THE JOHNSON FAN MILL.

A Fan Mill is indispensable to a well-regulated grain barn. This Mill runs the sound, clean grain to one side of the Mill, while the sand and small seeds pass out at the other, and the heavy chaff and heads are caught in a receptacle behind. It will not only clean grain, but also grass seeds in the best manner.

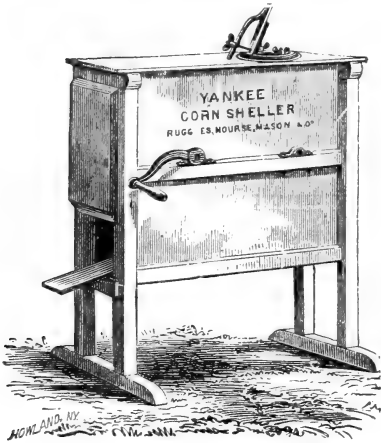
Price, \$16.00



Clough's Adjustable Sieve.

In offering this Adjustable Sieve to farmers and others, we know that they will find it useful and valuable for separating foul seeds from grain, and sifting out the small grain, thereby getting the most vigorous kernels for seed; also for cleaning and sorting Beans, Peas, etc.

Price, \$2.00



YANKEE CORN SHELLER.

A finely constructed and serviceable machine, at a moderate price and one which runs easily, and works well on all sizes and kinds of corn.

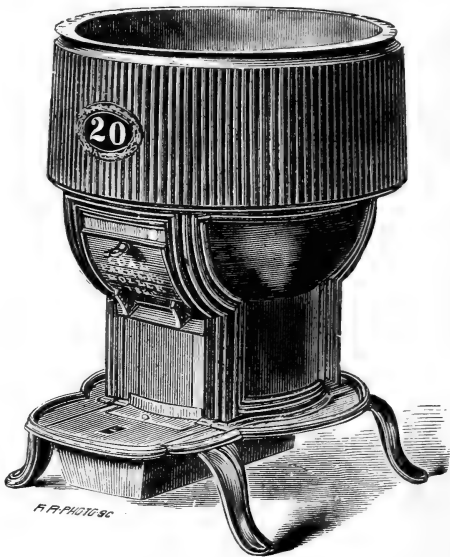
Price, each,	\$6.00 plain.
" " " " " "	6.50 with separator.
" " " " " "	7.50 " " and wheel.

FARMERS' BOILERS.

Simple and practical in construction, and convenient to use. Kettle very smooth, with extra thick bottom.

A perfect food cooker for stock, and useful for many purposes about the farm.

	"K. & W." net price.
30 gal. Boiler with stove.....	\$18 50
40 " " " "	22 00
50 " " " "	28 00
60 " " " "	34 00



Steel Bushel Baskets.

These baskets are made of cold rolled steel, drawn from one piece, and furnished with malleable iron handles. Aside from the general usage of baskets, the heavy "Iron Clad" will be found, by farmers especially, a very useful vessel for the purpose of boiling liquids or cooking food for stock.

Price—1 Bush. "Iron Clad" Galvanized,	\$1.50
2 Bush. Light Galvanized,	75c.

CAST IRON HOG TROUGHS.



Prices upon Application.

Mann's Bone Cutters.

The Standard of Excellence.

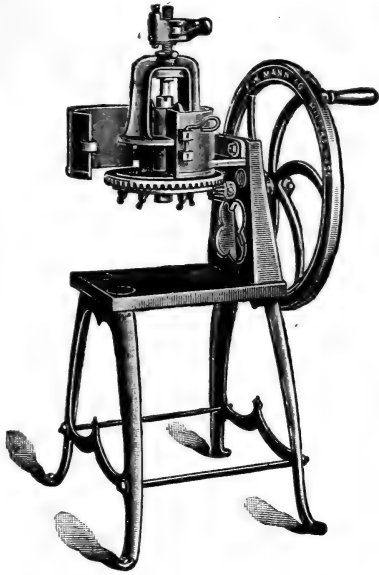
A Standard which has only been Obtained
by Years of Experience.

PRICE LIST.

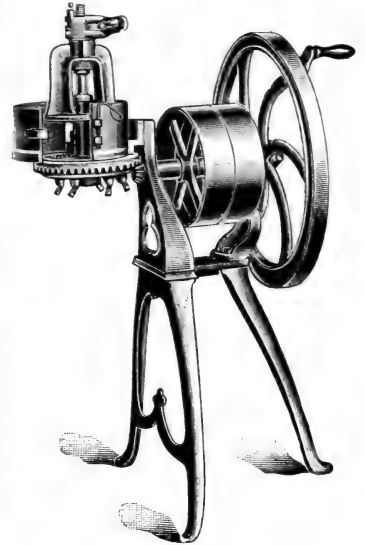
NO DISCOUNT FROM THESE PRICES.

No. 5C	(with Crank Handle),	\$ 6.00
No. 5B	(with Balance Wheel),	8.00
No. 5BM	(with Bal. Wheel & Iron Stand),	10.40
No. 7	(with Balance Wheel),	12.00
No. 7 1-2	(Semi-power Machine),	16.00
No. 9	(Standard Bone Cutter),	18.40
No. 11	(Comb'n Power Cutter),	26.00
No. 12	(Small Power Cutter),	30.00
No. 15	(Large Power Cutter),	60.00
No. 14	(Large Power Cutter),	76.00

Send for Illustrated Catalogue.



No. 9.



No. 7 1-2.

"Sanitary" Galvanized Iron Poultry Specialties.



"SANITARY" Self-Feeding Box,

Called Grit Box for Short.

Three spaces. Made of heavy galvanized iron. Will last a lifetime. Saves waste. Hangs on a nail. Holds four quarts. Soon pays for itself. Neat, cheap and convenient.

Price, 50 cents.



"Sanitary" Self-Feeding Box.

Two spaces. Made of heavy galvanised iron. Will effect a great saving in feeding grain and scraps. Practically every particle is consumed. Capacity, eight quarts.

Price, 75c.



The pan is 6 inches wide, 18 inches long, and about 3 inches deep, made in one piece from galvanized iron. Will not rust, and is water tight. The food saved soon pays the cost.

Price, \$1.00.



No. 1, 6x7x1¼ inches deep; capacity, 1 quart.

Price, 15 cents.

No. 2, 7¼x8½x1½ inches deep; capacity, 1½ quarts.

Price, 20 cents.

No. 3, 18x6x2¾ inches deep; capacity, 5 quarts.

Price, 35 cents.



Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Holds three quarts.

Price, 35 cents.

POULTRY DRINKING FOUNTAINS.

THE "SANITARY" FOUNTAIN.



Made of heavy galvanized iron, perfect in workmanship; most convenient fountain on the market.

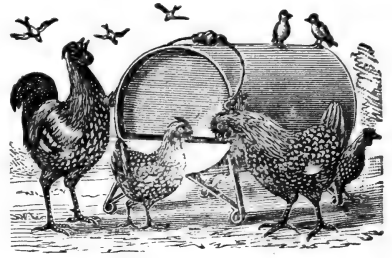
A one-gallon fountain will supply twenty fowls.
Price, 1 gallon, 50c.; 2 gallons, 85c."

CLIMAX FOUNTAIN.

Convenient to fill and empty as a water pail.

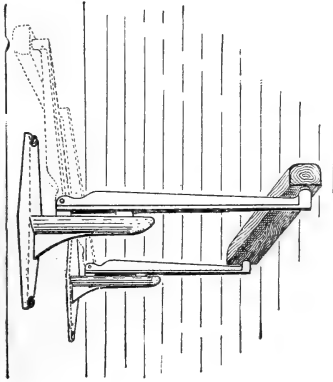
Made of best galvanized iron.

Price,
1 gallon, 90c.
2 " \$1.00



STONE FOUNTAINS, 1-4 gal.	15c.
" " 1-2 "	20c.
" " 1 "	25c.

NESCO FOUNTAINS.	
1-2 gal. galvanized iron	30c.
1 gal. galvanized iron	35c.



DAVIS' ANTI-LOUSE ROOST BRACKETS.

Insures "Fowl" comfort and freedom from mites during roosting hours. The most practical roost bracket on the market. So constructed that it is impossible for lice to get on to the roost from the building, or vice versa. Brackets are provided with oil cups, as shown, and when put up it is impossible for the lice to get on or off the roost from the building without getting trapped in the oil.

No. 1. Single Roost Style Brackets, per pair	75c.
No. 2. Multiple " " " " "	\$1.25

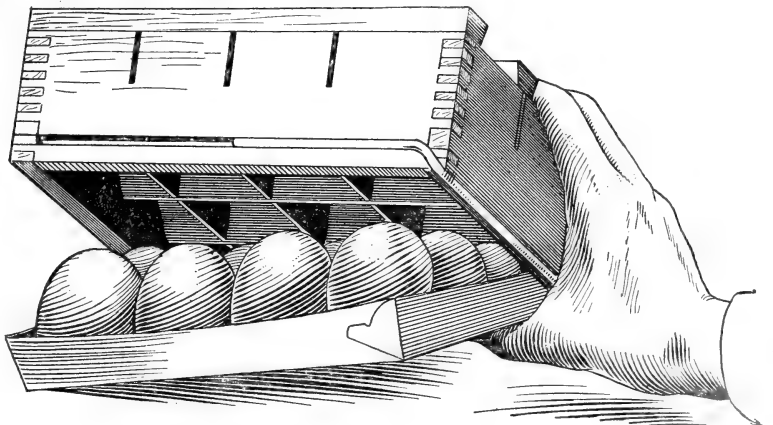
The Gardner Egg Carrier.

Holds the eggs in any position; overturning the Carrier will not spill the eggs. Any number of Carriers may be piled on top of each other without breakage. Price, 12 Egg Carriers, \$1.20 per dozen.

STAR EGG CARRIERS AND TRAYS.

The excellence and economy of Star Egg Carriers appeals to all who deliver eggs. Quickly filled and quickly emptied.

Carriers are made of strong wood, and can be piled deep in the delivery wagon.



Price, No. 1 (1 doz. Eggs)	\$2.00 per doz.
" No. 2 (2 " ")	\$3.00 "

Price, No. 1 Trays,	\$2.75 per M
" No. 2 "	\$3.75 "

The "Triumph" Caponizing Set



There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple, and with a "Triumph Caponizing Set" any boy twelve years of age can perform it with safety and thoroughness. Capons, as anyone knows, sell on the market as a rule from five to eight cents per pound higher than any other chickens. The demand for capons is always good, is steadily growing, and at this time a better market is assured the producer in this field than any other. Now is the time to get into the caponizing business, and the first thing to start right is to buy a "Triumph Caponizing Set." No more efficient, simple or more easily operated set is being offered the craft today than the Triumph, and you will make no mistake by selecting the Triumph set.

PRICES

Set in plush-lined, cloth-covered case.....	\$3.00
Set in polished hardwood box.....	2.75
Set in japanned wood box.....	2.50



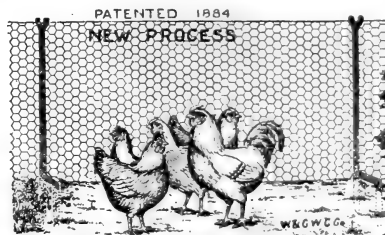
Clipper Poultry Marker.

Do you keep a record of chickens? The different breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker, as over 200 different marks can be made by punching web between the toes.

They are well made, with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid, on receipt of price, 25c.

Galvanized Poultry Netting.

Made from selected steel wire, galvanized before and after weaving. Uniform in mesh, and of a superior, smooth finish.



HARD STEEL WIRE
POULTRY NETTING.



Climax Leg Bands.

FOR POULTRY AND PIGEONS.

These bands are neat, easily applied, easily removed and cannot come off by accident. In ordering state what breed they are for, and what letters or numbers you wish put on them.

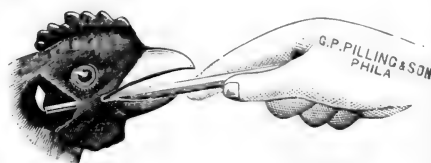
Price, \$1.00 per hundred.

Eclipse (Aluminum Leg Bands).

Made of aluminum. Impossible for them to come off, being held by a double lock. Price, \$1.00 per hundred.

Poultry Killing Knife.

Every poultry raiser should have one of our killing knives. They are made of finely tempered instrument steel, with nickeled handle. Sent postpaid on receipt of price, 50c.



POULTRY FOODS.

PURINA CHICK FEED.

Especial care has been used in balancing this feed. Nothing but sound, sweet ingredients are used. The finest mixture of grain possible for developing growing chicks and poultry.

PURINA SCRATCH FEED.

This feed has been used for years by the foremost poultry fanciers. Will keep fowls healthy, affording them plenty of exercise ; an ideal "scratch feed."

PURINA ALFALFA MEAL.

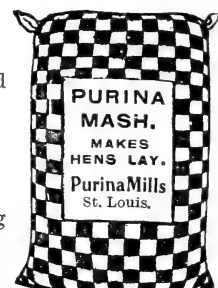
This is a green feed the year round. Is very high in protein and furnishes to chicks a growing food, which at the same time has a medicinal value. Its value as a helpful egg food is unquestioned.

PURINA MASH—Makes Hens Lay.

Is a complete mash, containing ground grain, green food, and meat scraps ; everything necessary, except the water to mix it.

PURINA FATTENING FEED.

This feed puts the finishing touches on chickens before sending them to market, and does it in the shortest possible time.



Pratt's Poultry Food.

Makes Hens Lay Regularly, and insures Healthy Flocks of Chickens, Turkeys, Ducks, Geese and Pigeons.

26 oz. package, 25c. ; 5 lb. package, 60c. ; also in 12½, 25 and 50 lb. bags, 10c. per lb.

INTERNATIONAL POULTRY FOOD.

Small pkg., 25c. ; medium pkg., 50c. ; large pkg., \$1.00.

LEE'S EGG MAKER.

2 1-2 lb. package, 25 cents.

25 lb. pail, \$2.00.

K. & W. Superior Oyster Shells, ground in 100 lb. bags.

"	X Crystal Grit (fine),	"	"	"
"	XX Crystal Grit (med'm),	"	"	"
"	XX Crystal Grit (coarse),	"	"	"

Pure Bone Meal,	"	"	"
" Poultry Bone,	"	"	"
Superior Beef Scraps,	"	"	"
Bowker's Animal Meal,	"	"	"

in 25 lb. bags.

"	50	"
"	100	"
"	25	"
"	50	"
"	100	"
"	100	"

Bradley's Meat Meal,

Alfalfa Clover Meal,

Cut Clover Hay,	in 50 lb. bags.
Linseed Meal,	100
Charcoal (granulated),	25
Charcoal (powder),	35
Sunflower, Millet and Hemp Seed.	"
Buckwheat.	"
Barley.	"
Wheat.	"
White Canada Peas.	"
Kafir Corn.	"
Tobacco Dust.	"
Dalmation Powder.	"
Roup Pills.	"
Nest Egg.	"

Poultry, Horse, and Cattle Specialties.

PRATT'S HORSE & CATTLE FOOD.—7 lb. packages, 50c.; 12 lb. bags, 75c.; 25 lb. bags, \$1.50;
12 lb. pails, 85c.; 25 lb. pails, \$1.60
PRATT'S ANIMAL REGULATOR.—25c., 50c. and 75c. packages.

BLATCHFORD'S CALF MEAL.

A satisfactory milk substitute and a perfect food for raising calves. Produces larger and heavier calves in less time and at less expense than any other food. **Price, \$3.50 per 100 lbs.**

International Stock Food,	25, 50c. and \$1.00 Pkg.
" Silver Pine Healing Oil,	25 and 50c. "
" Colic Cure,	50c. "
" Honey Tar Foot Remedy,	50c. "

International Pheno-Chloro,	25c. Pkg.
" Gall Cure,	25 and 50c. "
" Heave Cure,	50c. "
" Worm Powder,	50c. "



LAMBERT'S DEATH TO LICE POWDER.

The best and cheapest on the market. We guarantee it to kill all kinds of Lice, Ticks, Fleas, Moths, etc., or money refunded. This is the standard universal remedy for Lice on Poultry. Put up by the manufacturer in convenient packages of three sizes.

15 oz. Box, 25c.; 3 lb. Box, 50c.; 6 1/4 lb. Box, \$1.00.

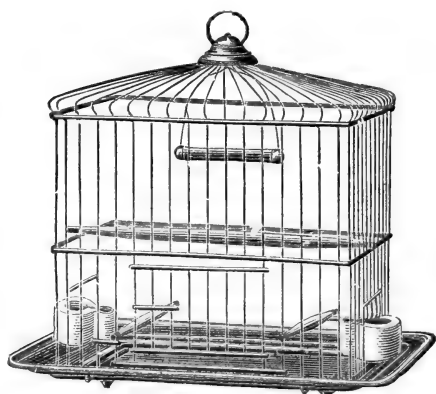


LEE'S LICE KILLER.

A liquid preparation for destroying insects on chickens, hogs, and other stock. It is especially designed for killing lice and mites on chickens and stock without the necessity of handling, dipping, dusting, or greasing fowls or animals.

Price, 1 qt., 35c.; 1-2 gal., 60c.; 1 gal., \$1.00.

PRATT'S and INTERNATIONAL LICE KILLER, 25c. Pkg.



CAGES.

Brass and Japan Bird Cages.

ALSO PARROT AND SQUIRREL CAGES.

Cage Fixtures, Seeds and Sundries.

Canary Seed, Rape, Millet, Hemp, Rice, Sunflower and Cuttle Fish

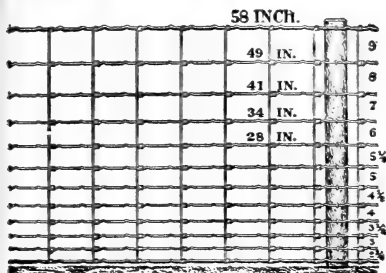
"K. & W." PREPARED MIXED CANARY SEED,

Gravel, Song Restorer, Parrot Food, and

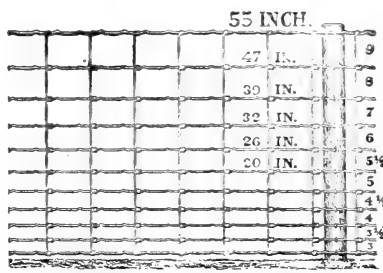
Mocking Bird Food,

Cage Springs, Cups, Hooks, Ladder Chains and Wire Guard Cloth.

AMERICAN FIELD AND HOG FENCE



Regular Style
Stays 12 in. or 6 in. apart



Special Hog, Horse and Cattle Style
Stays 12 in. or 6 in. apart

Made of large, strong, high-grade steel wire, heavily galvanized; amply provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate, but does efficiently turn cattle, horses, hogs, etc.

Every rod guaranteed. Call and see it. Will save money and fence fields, so they will STAY fenced.

Write for Descriptive Catalogue and Price List.

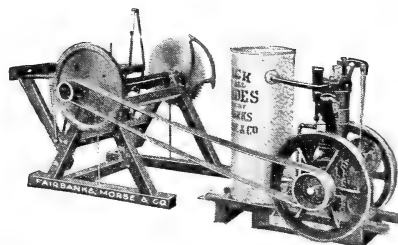
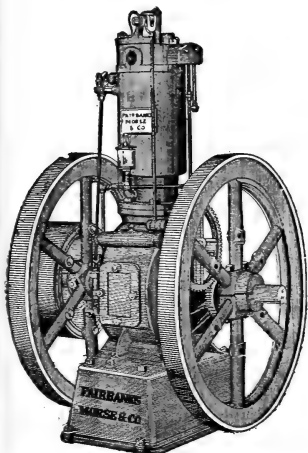
Barbed and Plain Twisted Wire.

Best galvanized Steel Wire, in quantities to suit all customers. Write for quotations.

FAIRBANKS-MORSE ENGINES.

The Most Satisfactory Power is obtained by using
The Genuine

"FAIRBANKS-MORSE" GASOLINE ENGINES.



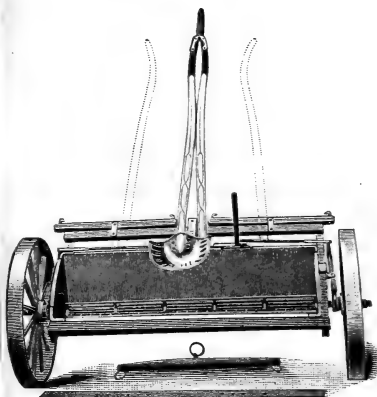
THE "FAIRBANKS-MORSE" GASOLINE ENGINES ARE GUARANTEED TO DEVELOP MORE
THAN THEIR RATED HORSE POWER.

Send for Circular and Price List.

Stevens Fertilizer Sower.

Combining Simplicity, Strength and Durability. Superior
for Sowing All Kinds of Fertilizers, Broadcast
or in Drills.

Catalogue and Price List Sent on Application.



ICE CREAM FREEZERS.

"AMERICAN" (2 in 1) TWIN.

Freezes two flavors of Ice Cream, or an Ice or Sherbet and Ice Cream, at one and same time, in one Freezer.

Something entirely new, never done before.

A freezer to make two flavors at one time has been wanted ever since ice cream became so popular. Much time and ingenuity have previously been spent in trying to devise some means to freeze two flavors at one time, but now it is an accomplished fact. In the American Twin Freezer the can is divided in two parts by a vertical partition, which projects above top of can and bears against the can lid, so that during freezing nothing can pass from one side of can to the other. The dasher has a central shaft, which fits in the groove of the partition of can. Obviously the can cannot be turned as in old style freezers, because of the partition, but it is swung forwards and backwards by a rocking motion of the crank. The scrapers are so arranged as to be held automatically against side of can, so that the frozen particles on can are scraped off positively and continuously.

Tubs with electric welded wire hoops.



PRICES.

2 quart,	\$ 2.25	10 quart,	\$ 6.00
3 " "	2.50	12 " "	7.00
4 " "	3.00	15 " "	9.50
6 " "	4.00	20 " "	12.50
8 " "	5.00		



"LIGHTNING."

Easy running.

Quick freezing.

Convenient and practical.

Drawn Steel-Bottom Cans, which will not leak or break. The body of can is made of heavy tin plate of finest quality. Tubs with electric-welded wire hoops, which are guaranteed not to fall off or break.

PRICES.

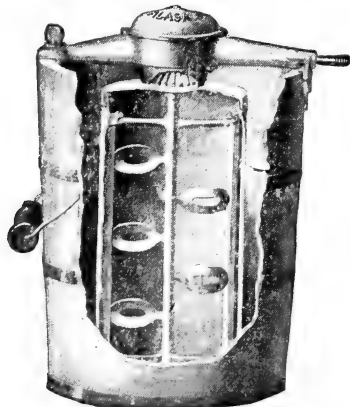
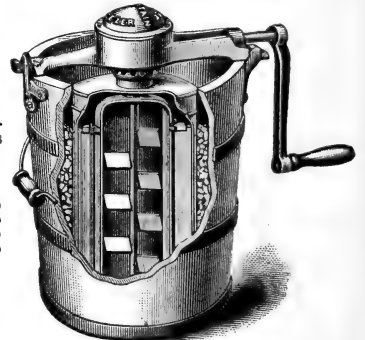
1 quart,	\$1.35	4 quart,	\$2.50	10 quart,	\$5.50
2 " "	1.75	6 " "	3.25	12 " "	6.50
3 " "	2.00	8 " "	4.00	14 " "	7.50

"WHITE MOUNTAIN."

Perfected by the introduction of a new and important feature of a double self-adjusting wood scraping bar attached to the duplex dasher. By means of this device the actual time of freezing cream has been very materially reduced.

PRICES.

Junior,	\$1.25	4 quart,	\$2.75	12 quart,	\$ 7.00
1 quart,	1.50	6 " "	3.50	15 " "	8.50
2 " "	2.00	8 " "	4.50	20 " "	11.00
3 " "	2.25	10 " "	5.50	25 " "	14.00



"ALASKA."

The only freezer having the Perpetual Motion Aerating Spoon Dasher, with its spoon-shaped floats, open in the centre like mixing spoons, which aerates, stirs and beats the mixture rapidly and thoroughly.

The cut also shows the new device attached to the under part of the gear-frame or cross-bar, which effectually protects the gearing and can cover from salt and ice.

PRICES.

1 quart,	\$1.35	4 quart,	\$2.40	10 quart,	\$5.00
2 " "	1.75	6 " "	3.00	12 " "	6.50
3 " "	2.00	8 " "	4.00	15 " "	8.50

FREEZER CLAMP OR HOLDER.

A perfect device for holding the freezer firm and steady. Easily adjusted to the tub by means of thumb nuts. Price, 2 to 10 qts., 35 cts.; 12 to 25 qts., 55 cts. each.

An Illustrated Catalogue of Power and Fly-Wheel Freezers, Repairs, and Tubs and Cans for Packing Purposes furnished on application.

THE "PILGRIM" Refrigerators & Ice Chests.

Thoroughly constructed from hard wood, and beautifully finished. Cleanable and perfectly sanitary. The economy of ice is a very important consideration, and the consumption of ice will be much smaller in our refrigerators than in many others, and at the same time insure a low and even temperature, and perfect circulation of cold, dry air.

GROCERS' REFRIGERATORS A SPECIALTY.

**Send for Illustrated Catalogue and
Price List.**

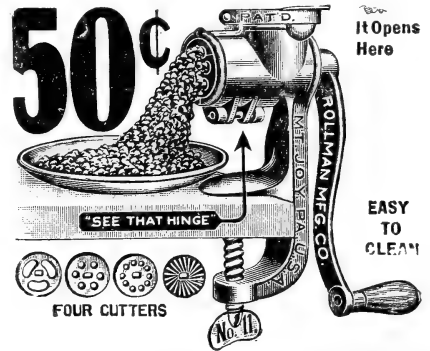


Rollman Food Choppers.

ADVANTAGES.

This machine is small and convenient. It does the work with ease, and is readily cleaned. Cutters are all steel and will last indefinitely. No long strips of gristle in your Hamburg steak, if it is cut with a Rollman Food Chopper. Most choppers have one or more cast iron cutting edges, and these soon get dull and fail to make a clean cut, but the Rollman feeds all of the food through the cutter, so that there is no waste.

Price—No. 11, 50c.; No. 12, 75c.; No. 15, \$1.15.



THE UNIVERSAL FOOD CHOPPER.

All Parts Tinned and Interchangeable.

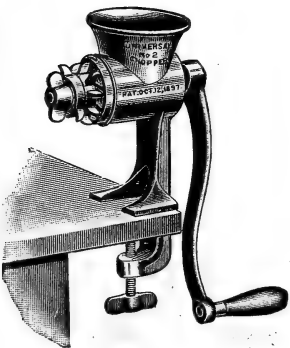
Chops rapidly and without mashing, and in pieces as fine or coarse as wanted. All kinds of meat, fish, fruits, eggs, bread and vegetables.

No. 0, 75c.; No. 1, \$1.00; No. 2, \$1.25; No. 3, \$1.75.

STUFFING ATTACHMENT.

Made of one piece of seamless brass tubing, spun into the shape required, heavily nickel plated and finely finished. A thread on the end of the barrel of the machine fits in the end of the stuffing attachment.

Price, 30 cents each.



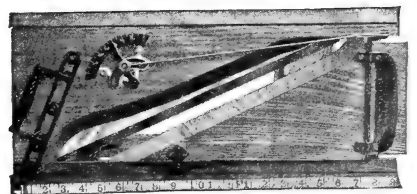
No. 2,
Medium Family Size.

COMBINATION SLICER.

For slicing Bread, Dried Beef, Pressed Meats, Cabbage, Pine Apple, etc.

Instantly changed from a thick slice to the thinnest.

Price—No. B., \$3.00; No. C., \$2.75.



MAJESTIC ROTARY WASHER.

The Rotary is simple, strong, easy-running and noiseless, the rotary motion being continuous, and the fly wheel heavy. Very little power is required to operate the machine.

Price, \$6.50



LIGHTNING WASHER.

The Lightning is constructed of the Best Virginia White Cedar, and is strong and finely constructed.

Price, \$4.00



CLOTHES WRINGERS.

TUB WRINGERS.

"K. & W." Special,

Portland,

Bicycle,

Tribune.

Domestic.

BENCH WRINGERS.

"K. & W." Special,

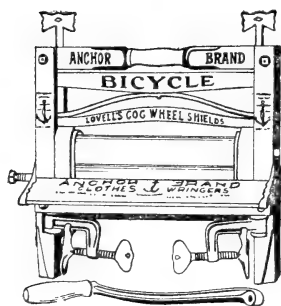
Household,

Bicycle,

Brighton.

Portland.

All Kinds of Wringers Repaired.



WHITE'S

Patent Mop Wringers.

Will Quickly Wring a Mop perfectly dry, without touching Mop with the hands.

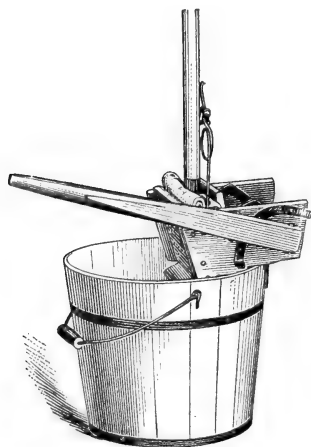
The Wringer may be instantly attached to the pail and quickly removed.

Always place the Wringer on the opposite side of pail from the bail.

Use mop made of any material desired. A short, thick mop is generally best liked, and is the best wrung by the wringer.

Price, Family Size, \$1.50

" Hotel " 2.00



Family Size.



Hotel Size.



HIGH GRADE SCREEN DOORS, AND ADJUSTABLE WINDOW SCREENS.

Finely made and fly tight, with tops and bottoms beveled to fit sash and sill.

Best and most popular screens in the market.

ORNAMENTAL HIGH GRADE DOORS

made from choice stock.

Furnished in all standard sizes and finished in oil and coach varnish; all joints smoothed and frame polished after assembling.

Write for Catalogue and Price List of Screens and Doors.



THE UNIVERSAL THREE-MINUTE BREAD MAKER.

Bread Maker, Mixer, Kneader and Raiser all combined.

Made of heavy tin and sheet steel. All parts tinned. No housekeeper who has once used it will ever be content to go back to the old, laborious, disagreeable way of making bread by hand. Very simple in construction. A child can operate it. As easily cleaned as a tin pail.

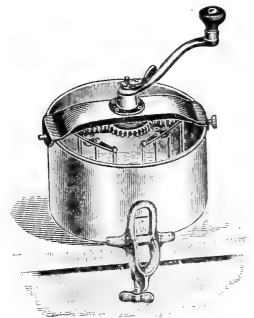
Price—No. 4, \$2.00; No. 8, \$2.50.

THE UNIVERSAL CAKE MAKER.

Especially Designed for Mixing all Kinds of Cake Batter, and for Whipping Cream and Beating Eggs.

Invaluable for making, in considerable quantities, mayonnaise and other salad dressing, for mixing all batter for fritters, gems and puddings, and for sauces that require beating.

Price, \$1.75.



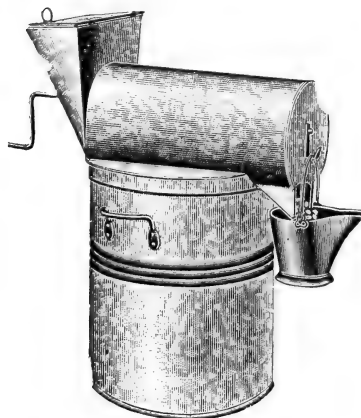
OIL CANS.

LARGE ASSORTMENT OF METAL AND GLASS OIL CANS,
holding from one to ten gallons each.

ALSO

60 Gallon and 110 Gallon Galvanized Iron Tanks for Grocers' Use.

Write for Prices.



"THE HUSTLER"

ROTARY ASH SIFTER.

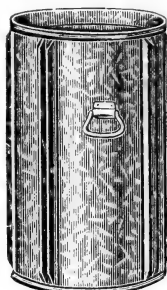
In galvanized Iron Case. No dust. Works easily, quickly and well.

Price—No. 1, fits 18-in. iron can, or flour barrel, \$4.75
 " 2, " 20-in. " or sugar " 6.75

GALVANIZED IRON ASH CANS.

Solid Heavy Cans. No danger from hot ashes.

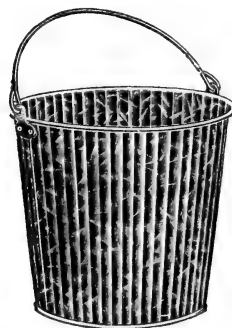
PRICE EACH, \$1.50 to \$2.50.



No. 190.



No. 05.



GALVANIZED IRON PAILS.

10 quart,	22c.
12 "	25c.
14 "	30c.
16 "	35c.
10 qt., extra Heavy,	32c.
12 " "	35c.
14 " "	40c.
16 " "	45c.

GARBAGE PAILS.

Made from
Galvanized Iron.

No. 02,	.75
No. 03,	.85
No. 04,	\$1.00

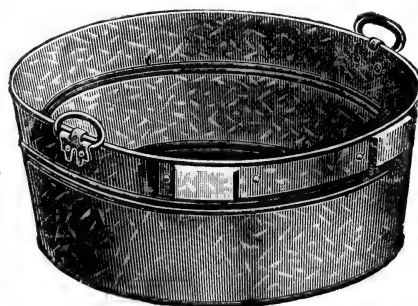


Galvanized Iron Tubs.

No. 11, with wringer attachment, 65c.

No. 22, " 75c.

No. 33, " 85c.



Galvanized Iron Coal Hods.

No. 615,	.30
" 616,	.32
" 617,	.35
" 618,	.40
" 156, Heavy,	.40
" 166, "	.45
" 176, "	.50
" 186, "	.55

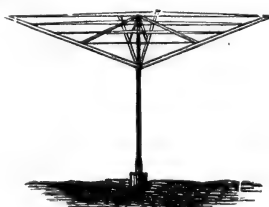


Square Deal Folding Wall Dryers.

Price, 75 cts.

Empire Folding Wall Dryers.

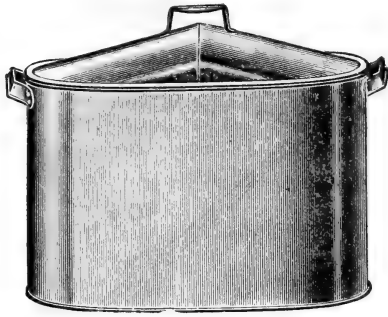
Price, 50 cts.



Advance Clothes Dryers.

The Best Clothes Dryer in Use.

No. 1, 120 ft. line,	-	each, \$2.50
No. 2, 160 " "	-	" 2.75

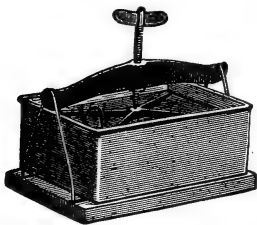


WASH BOILERS.

8 in. X tin bottom,	\$.75
9 in. X " "	.80
8 in. X copper bottom,	1.00
9 in. X " "	1.10
8 in. XX " "	1.20
9 in. XX " "	1.25

BROOMS AND BRUSHES, And a Large Variety of Wooden Ware of all kinds.

ALL ORDERS PROMPTLY EXECUTED.



Standard Kitchen Press.

For Pressing Meats, Corned Beef, Leaf Lard, Dutch Cheese, Fruit, Wines, Jellies, Vegetables, Hops, Herbs, etc., this is the *Simplest and Best Press on the Market.*

TWO SIZES—Each \$1.25 and \$2.50.



FRUIT JARS.

Lightning

and

Mason.

Pint, 1 qt. and 2 qt. Sizes.

Jelly Tumblers.

1-3 pint and 1-2 pint Sizes.

INDURATED FIBRE WARE.

Pails, Tubs, Foot Baths, Basins, Bowls, Liquid Measures, Slop Jars, Mats, Spittoons, Ice Water Jars, Toilet Sets, etc.

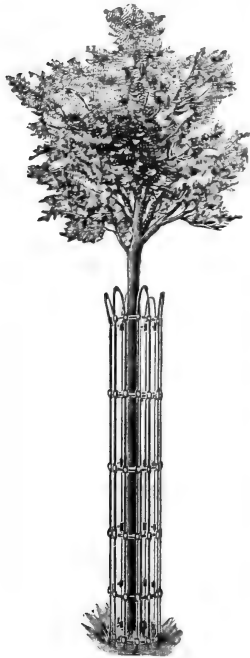
Write for Illustrated Catalogue and Price List.



Ice Water Jars.

FRUIT JAR RUBBERS.

1 dozen in each package; 12 packages in a carton.



Tree Guard.

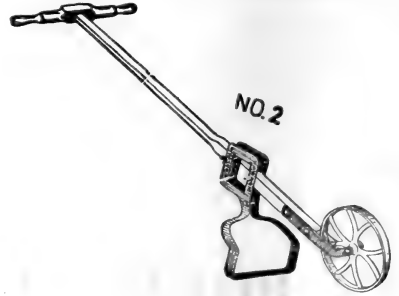
Galvanized Steel Wire Tree Guards.

PRICE, EACH, \$1.25.

Fuller's Unique Wheel Hoes.

Superior to all hand tools made, to cultivate between rows. The handles are adjusted to any height. Having only one wheel they run between the rows without bruising the tops, and having no frame work they do not tear the growing plants on either side.

Write for Catalogue and Price List.



Fuller's Daisy Hand Weeder.

A light and easy-working Weeder. Excellent for general weeding purposes, doing the work easier and quicker than by ordinary methods. Price, 25c.; by mail, 35c.



Arlington Scuffle Hoes, 8 inch and 9 inch blade. Each, \$1.50.



GARDEN REELS.

No. 1, - 50 cents.

No. 2, - 75 cents.

GARDEN LINES.

100 feet long, 50 cents each.



Cast Steel Garden Trowels.

6 inch.....	15 cents.
7 ".....	20 "
8 ".....	25 "
6 " extra solid steel blade and shank.....	40 "
7 " " " " " " " ".....	45 "

EXCELSIOR WEEDER.



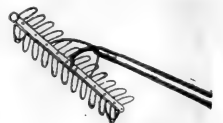
This instrument will work well among rows of seedlings and ornamental plants, or in any place where freedom from weeds is desired. It is in all respects one of the best instruments ever offered for this purpose. Price, 10 cents each; by mail, 15 cents.

FLORAL TOOLS IN SETS. From 10 cents to \$1.00 per set.

THE GIBBS LAWN RAKE.

A perfect implement for cleaning lawns from leaves, grass and all kinds of rubbish without injuring the grass and roots.

Price Each, 40 cents.

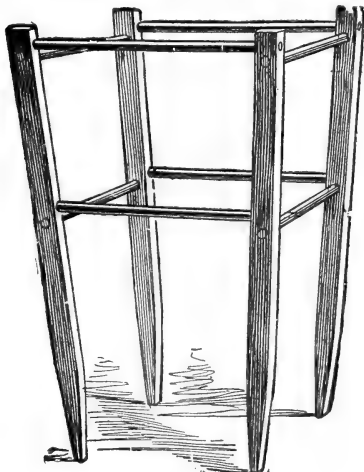


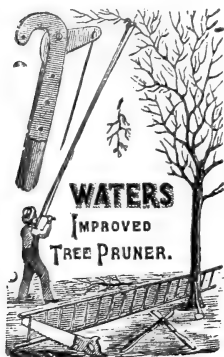
THE BARTLETT

Wooden Tomato Support.

MADE FROM HARD WOOD.

Price, 20c. each; \$1.50 per dozen.





Waters' Improved Tree Pruners.

Is the lightest device made for the purpose.

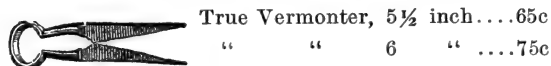
Will cut larger wood than any other device that is practical to handle.

Will clip the slightest twig on the extreme end of the line.

PRICE LIST.

4 feet .....	.70	12 feet.....	.90
6 feet.....	.75	14 feet.....	1.00
8 feet.....	.80	16 feet.....	1.10
10 feet.....	.85	Extra blades.....	.15

SHEEP SHEARS.




True Vermonter, 5½ inch....65c

" " 6 "75c

Sheep Shears, for trimming grass.....25c

Lightning Shears, for trimming grass.....50c

DOUBLE-EDGED PRUNING SAWS.

 For use with or without pole. The lightning edge teeth are for cutting the limbs and the back teeth are for cutting off the twigs.

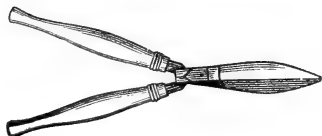
18 inch, 75 cts. ; 20 inch, 85 cts. each.



French Pruning Shears.

PRUNING SHEARS.

American	35c. and 50c.
French wheel Spring, 8 inch.....	\$1.50
" " 9 inch.....	1.75
" " 10 inch.....	2.00



HEDGE SHEARS.

8 inch.....\$1.25

9 inch.....1.35

10 inch.....1.75

PRUNING & BUDDING KNIVES.

50 cents to \$1.00 each.

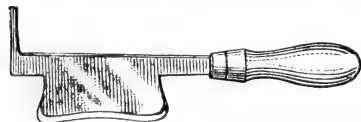
BORDER SHEARS.

With Long Handle.

8 inch.....	\$1.75
9 inch.....	2.00
10 inch.....	2.50

With wheel, 50 cents extra.

GRAFTING CHISEL.



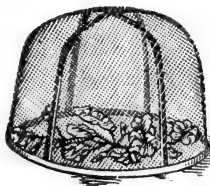
50c. each.

Hazeltine Weeder.



25c. each.

Arlington Plant Protector.



\$1.50 per doz.



LITTLE GIANT GRASS HOOK.

BEST IN THE WORLD.

Price, 40 cents.

Herbicide or Weed Exterminator,

For the Destruction of Weeds and Grass, in Walks, Driveways, Gutters, &c.

Price, 1 qt., 60c. ; 1 gal., \$1.75.

Mounted Grindstones.

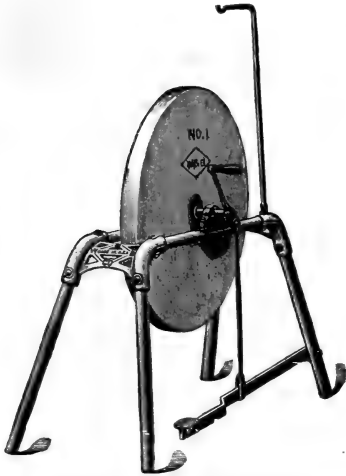
The Sampson, Wilcox, Hercules, and Tubular Frame,

WITH TREADLE AND CRANK TO WORK EITHER BY HAND OR FOOT. Strong, Durable Frames.

—ALSO—

Unmounted Stones, all sizes and weights, and a full line of Fixtures.

Write for Prices.



TUBULAR FRAME STONE.

PINE AND CUCUMBER WOOD PUMPS.

Pump Curbs, Pump Fixtures, Tubing, Chain and Rubber Buckets.

In ordering Rubber Bucket Pumps give depth of well from surface of ground, and add two feet for pipe and five feet for chain.

KEYSTONE POST AUGER.



Guaranteed to do three times the work of any other auger on the market.

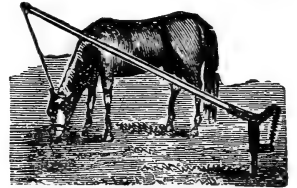
Price, \$1.75 each.

Border Knife.



9 inches, 50 cents each.
10 " 60 " "

ANIMAL TETHER.



\$3.00 each.

CAST STEEL GARDEN RAKES.

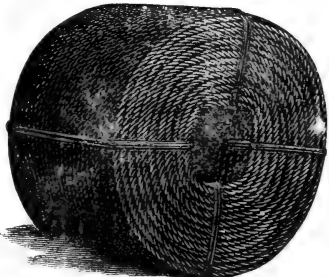
10 teeth.....	each, 35 cents
12 "	" 40 "
14 "	" 45 "
16 "	" 50 "
18 "	" 55 "

FINISHED OX BOWS.

Made from fine second-growth hickory, shaved by hand, and smoothly finished.

Price per pair, 2 in	\$1.25
" " " 1 3/4 in	1.00
" " " 1 1/2 in .....	.75

CORDAGE.



Write for Prices.

HAY KNIFE.



75c.

Bull Rings.



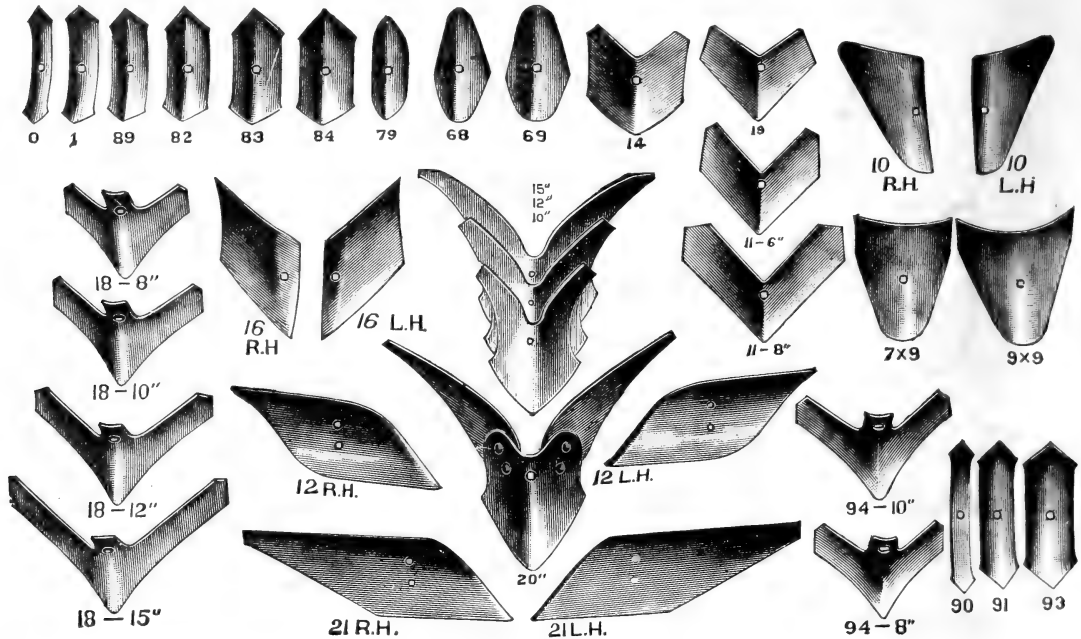
15 to 30c. each.

WIRE FRUIT PICKER.



25c. each.

"IRON AGE" CULTIVATOR POINTS AND STEELS.



**Complete Assortment of "Iron Age" Repairs
Constantly on Hand.**



**Salt Glazed
Stone Pipe
and
Land Tile**

PRESSED BROWN AND WHITE STONE WARE.

Butter Pots, Bean Pots, Preserve Jars,

Jugs and Pork Barrels.

WRITE FOR QUOTATIONS.



THE HOOPER SNOW SHOVELS.

For Railroad Crossings, and Platforms, Ice Ponds, Mill Yards, Flat Roofs, Concrete Walks and General Shoveling.

Price—2 feet,	.	.	.	.	\$2.50
2 " 6 inches,	.	.	.	.	2.75
2 " 9 "	.	.	.	.	3.00

CARRIAGE JACKS.



75 cts. to \$3.00.

Wooden Stable Fork.



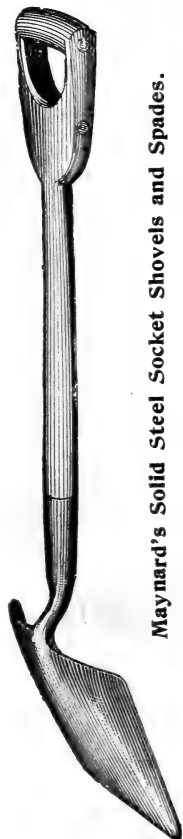
50 cts. each.

WOODEN AND STEEL

SNOW SHOVELS.

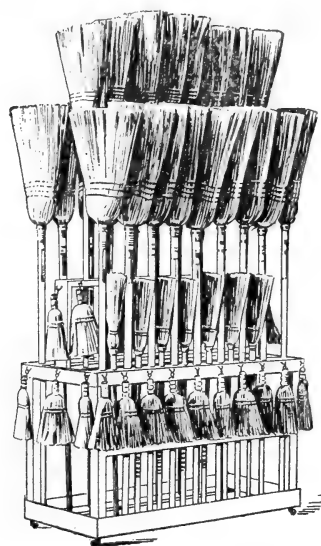
Steel Shovels, Spades, Hoes, Forks and Rakes.

Complete Assortment of all Garden Tools constantly on hand.



Maynard's Solid Steel Socket Shovels and Spades.





PERFECTION BROOM RACK.

Handsomely and strongly made and braced. Furnished with castors; can be easily moved on the floor.

Holds sufficient brooms and brushes to make fine show in store.

Price, \$1.50.

Step Ladders.

All sizes from 2 feet to 20 feet in length; all styles in both light weight, and heavily braced and bolted ladders.

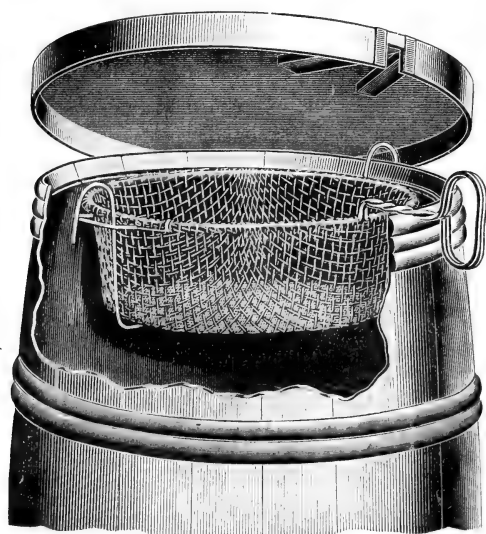
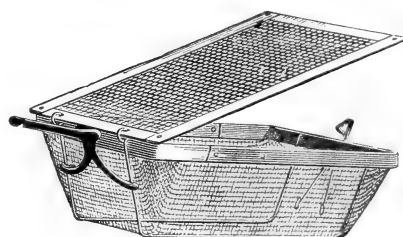


COMBINATION SHANK AND BRACE CORN POPPERS.

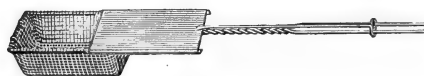
Firm and well braced popper, with detachable handle, and with wire guards to protect bottom of popper from wear.

Price,

1 quart,	12c.	2 quart,	20c.
1 1-2 quart,	15c.	4 quart,	35c.
8 quart (factory size), \$1.75.			



J.S. CORANT-CL.



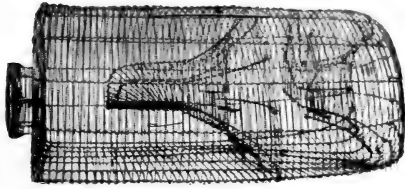
The Sherwood Popper.

2 quart, finely finished, . . . Price, 45c.

The "Lowell" Coal Sifter.

This is an **all wire** Sifter, sifting the ashes through the sides as well as the bottom.

Price Complete, with Cover, 75c.

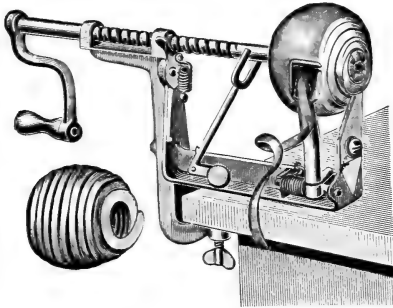


THE GENUINE FRENCH MARTY RAT AND MOUSE TRAPS.

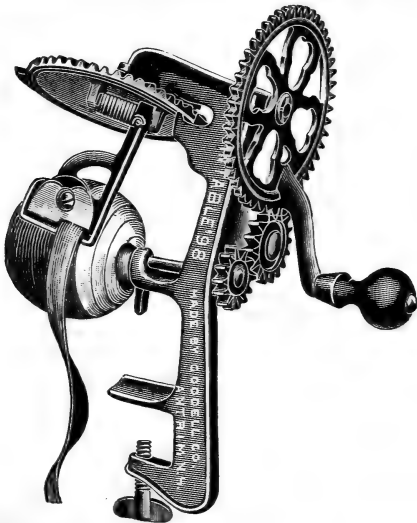
The most effective Wire Trap ever produced.

Price—No. 1, \$1.25; No. 3 1-2, 65c.; Mouse, 30c.

APPLE PARERS.



**White Mountain
PARER, CORER AND SLICER.**



NO. '98. TURN TABLE PARER.

WELL BUCKETS.

Made from Oak, heavily
hooped.

—ALSO—

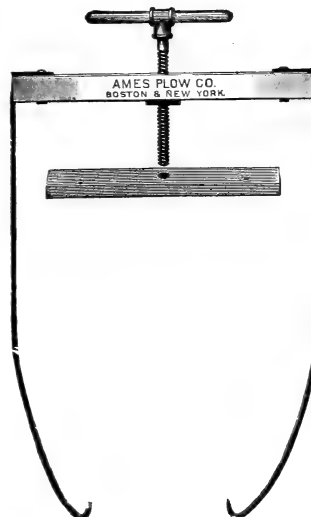
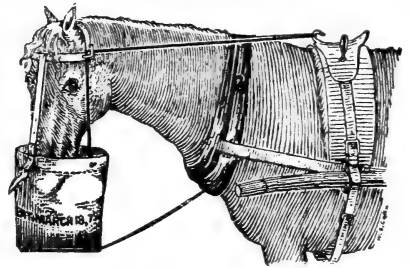
Light and Heavy Weight
Buckets made from
Galvanized Iron.



FEED BAGS.

Made from
HEAVY
CANVAS.

Plain
or with
Bridle.



**BARREL
HEADER.**

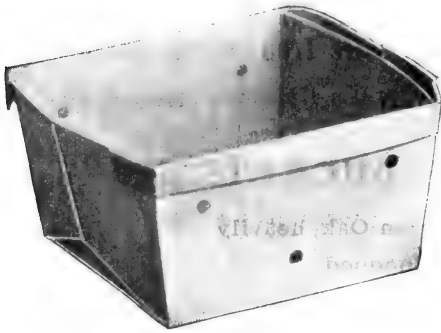
ONE-INCH
STEEL SCREW.

PRICE,
\$1.10.

Iron Corner Feed Boxes, and Feed Racks.

—WRITE FOR PRICES.—

THE WAX LINED PAPER BERRY BASKETS.



A package that is **PURE, PERFECT, TAINLESS, ODORLESS**, leaving no wood taste to the berries or other fruit; a package that does not warp, or lose its shape, is not affected by changes of weather, and one which prevents the growth of mildew on the berries.

These baskets are packed in bundles of 200, and are nested and wrapped with heavy paper.

"It is Economy to use the Wax Lined Paper Berry Basket."

Price, \$3.25 per 1,000.

In response to inquiries from large berry growers in New England, we print the following extracts from letters on file:

"We like the Paper Baskets so well that we will not use any other kind; the life of the basket is longer than the wooden ones, and they are as near perfect as any basket can be for all kinds of berries."

"We have used the Paper Baskets for two seasons, and they have given great satisfaction; have used them for blueberries, having abandoned the wooden ones."

"Have used the Wax Lined Paper Baskets for two seasons, and they have proved very satisfactory. In some respects they are superior to the splint baskets. They will stand transportation better, and on account of their light weight express charges are less. Shall order six or eight thousand for my own use next season."

"I did not raise any strawberries for the market last season, but if I had, I should have used the Paper Baskets. I liked them the previous year, and my dealer liked them, which is something. I shall use them next year in preference to wooden ones."



OBLONG PINT.

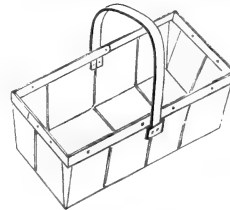


QUART.

BERRY BASKETS.

Our Berry Baskets are made of white wood and put up in good strong crates. They are packed 1,000 in a crate. Write for prices.

VERBENA BASKETS.



With wood or wire handle. 10 in. long; 5 in. wide; 3 in. deep. \$2.00 per hundred; \$18.00 per thousand.

Wood handle. 12 in. long; 7 in. wide; 4 in. deep. \$2.50 per hundred; \$23.00 per thousand.

Special prices quoted for large quantities.

THE HOLDEN ASH STAVE BASKETS.

One of the smoothest, strongest and best baskets for farmers and grocers. Made in every size from $\frac{1}{4}$ bushel to 4 bushels.

ALSO BASKETS OF

Every Style and Size for **FACTORY, MILL, STORE, FARM & OFFICE.**

CORN PACKERS' BASKETS A SPECIALTY.



Write for Quotations.

THE FAIRFIELD LAWN SWING.

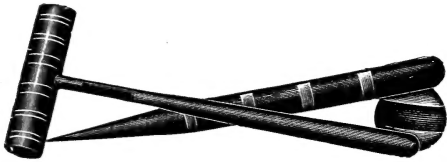
This swing easily takes precedence over all others in the market. Made of clear mountain spruce. Mechanical perfection, durability and ease of operation are combined in its construction.

Fairfield.....	\$4.00
Favorite.....	3.50
No. 7.....	5.50

LEAVITT'S PATENT LAWN SWING AWNING.

Confined to frame of chair and swings with it, giving shade at all times. Folds up when not required for use. Folds up with frame when put away for the winter.

Price, \$4.50.



CROQUET SETS.

We carry a complete assortment, manufactured from selected hard wood, handsomely painted and varnished.

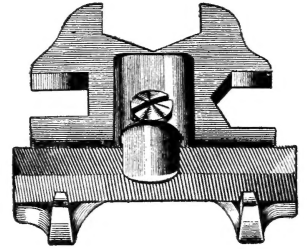
90 cents to \$4.00 per Set.

ROYAL LAWN MOWER Sharpener and Wrench.

A practical device for sharpening all lawn mower blades, quickly, and to the required bevel. Has eight sharpening cutting surfaces, sharpener, and three nut wrenches combined.

The sharpener in this tool is made from highest grade crucible steel, tempered specially for the purpose.

Nickel Plated, Price, 75 cts.



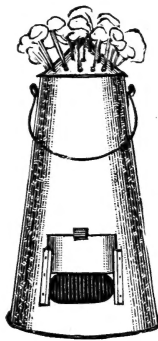
GARDEN VASES.

Send for
Illustrated Catalogue
and Price List.



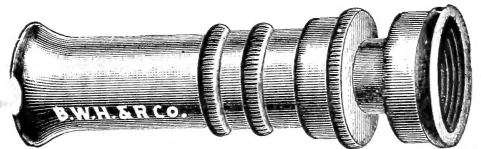
EUREKA FUMIGATORS.

FOR FUMIGATING WITH TOBACCO STEMS.



No. 1, 12 inches high,	\$1.50
No. 2, 16 " "	2.00
No. 3, 20 " "	2.50

BOSTON HOSE NOZZLE.



PRICE, 35c EACH.



FLOWER POTS. Standard.

Measurement from inside to inside. Width and depth equal.

Pots.		Saucers.		Pots.		Saucers.	
Inches.	Per Dozen.	Per Dozen.		Inches.	Per Dozen.	Per Dozen.	
2	\$.10			7	\$.90	\$.45	
2½	.12			8	1.25	.60	
3	.15	\$.12		9	1.75	.75	
3½	.20	.15		10	3.00	.95	
4	.25	.18		11	3.50	1.10	
5	.40	.24		12	5.00	1.35	
6	.60	.32		14			

Round Seed and Bulb Pans.

Inches.	Each.	Per Doz.	Inches.	Each.	Per Doz.
6	\$.07	\$.72	9	\$.13	\$ 1.35
7	.08	.85	10	.15	1.60
8	.10	.96	12	.20	2.15

Special quotations to Florists.

Florists' Vases.

For Displaying Cut Flowers.

No.	0	8	in. diam.	13 in. deep,	Per doz.
"	1	5½	"	10	\$ 4.80
"	2	4½	"	9	4.20
"	3	4	"	6	3.60
"	4	3	"	4½	3.00
"	000	9	"	29	2.40
"	00	9	"	22	18.00
"	11	5½	"	18	9.00
"	22	4½	"	15	4.80
"	33	4	"	12	4.20
"	44	3	"	9	3.60
					3.00

Flower Pot Saucers.

Made of fibre; no moisture passes through to injure table, floor or carpet.

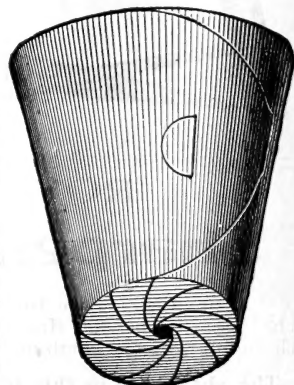
Neponset Paper

Flower Pots.

Manufactured from fabric which gives them all the necessary rigidity. They are *unbreakable*, and give ample drainage.

Size. Per 100 Per 1,000

2¼	\$.25	\$ 2.20
2½	.30	2.40
3	.45	3.90
3½	.60	5.15
4	.80	6.90
5	1.20	10.35
6	1.65	14.55



"IRON AGE"

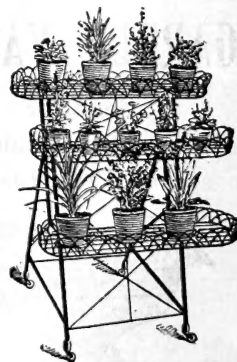
HORTICULTURAL ROW INDEX.

Made of galvanized iron, the label protected by sheet of mica. Will be found indispensable for private gardens, trial grounds, greenhouses, parks, etc. Price, 20 cts. each.



WIRE PLANT STANDS.

2 shelf, folding,	\$3.25
3 " "	3.75
4 " "	4.00
2 " stationary,	1.75
3 " "	2.50
3 " half round,	3.00
3 " wood,	1.00
4 " "	1.25



TROWBRIDGE'S GRAFTING WAX.

The finest quality made, put up in neat packages with directions for use. 25c. per lb.; ½ lb. packages, 15c.

¼ lb. packages, 10c. By mail, 15c. per lb. extra.

TRELLISES.

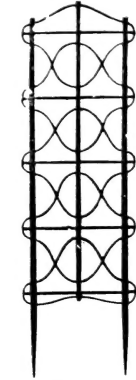
No.	Each.	Per doz.
00, 18-in. stick, 3½-in wide.....	\$0.05	\$0.50
00 wide, 20-in. stick, 8-in wide....	.08	1.00
0, 24-in. stick, 5-in. wide.....	.10	1.00
0 wide, 24-in. stick, 8-in. wide.....	.12	1.25
0½, 24-in. stick, 7½-in. wide.....	.25	2.00

BOW TRELLIS.

No. 1, 30x10 in.....	\$0.30	\$2.50
" 2, 30x14 ".....	.35	4.00
" 3, 36x12 ".....	.45	4.50
" 3½, 42x14 ".....	.50	5.00
" 4, 48x15 ".....	.60	6.00
" 5, 60x18 ".....	.65	7.50
" 6, 72x20 ".....	.75	9.00

CROSS TRELLIS.

24x15 in.....	\$0.35	\$4.00
42x24 ".....	.50	5.00



Veranda Trellis.

Each.	Per doz.
IVY TRELLIS.—16-in. diameter.....	.45 \$5.00
" 20 " ".....	.60 7.00
" 24 " ".....	.85 9.00
FAN TRELLIS.—1½ ft., ".....	.10 1.00
" 2 ft., ".....	.15 1.50
" 2½ ft., ".....	.20 2.00

VERANDA TRELLIS.

Each	Per doz.
2 ft.....	\$0.35
3 ".....	.45
4 ".....	.50
5x1½ ".....	.75
6x1½ ".....	.95
7x1½ ".....	1.10
8x1½ ".....	1.25
9x1½ ".....	1.50
10x1½ ".....	1.75
11x2 ".....	2.10
12x2 ".....	2.35

PLANT STICKS.

From two to six feet in length, used for supporting single stalks of roses, dahlias, etc.

	Per doz.	Per 100.
1½ feet, painted green.....	\$.15	\$1.00
2 " " ".....	.20	1.50
2½ " " ".....	.25	2.00
3 " " ".....	.50	4.00
4 " " ".....	.70	5.50
5 " " ".....	.95	7.50
6 " " ".....	1.10	9.00

WOOD POT LABELS

	PLAIN.		PAINTED.	
	Per 100.	Per 1,000.	Per 100.	Per 1,000.
3½ inch.....	.10	.45	.10	.65
4 inch.....	.10	.50	.10	.70
4½ inch.....	.10	.60	.15	.80
5 inch.....	.10	.70	.15	.95

Hot Bed Mats. Best rye straw. 6 x 6 ft., \$1.50 each. Burlap. Thickly padded and quilted. 40x76 in., \$1.00 each. 76x76 in., \$1.75 each.

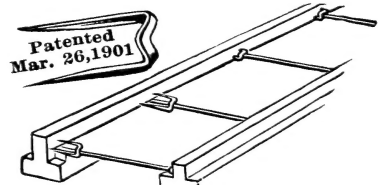
Tinfoil. For bouquets. Lb., 12 cts.

Twine, Soft. For tying vines, etc.; very strong. Large balls, 10 cts.

Tarred Yarn. Low priced material for raspberries, shrubs, etc. Lb., 12 cts.

Thermometers, Self-Registering. These register accurately the coldest, also the warmest point of temperature, \$2.25 each.

"Peerless" Glazing Points.



Made from galvanized steel wire, are cheap and indestructible. Easy to apply and perfectly satisfactory to use. Per 1,000, 60 cts.; by mail, 75 cts.

ROFFEA. The best material for tying plants; very soft, strong and pliable. 20 cents per pound.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

	Lbs. per bush.
Barley, broadcast.....	.48
Beans, dwarf, in drills.....	.60
Beans, pole, in hills.....	.60
Beets, Table, in drills.....	.60
Beets, Mangel Wurzel.....	.60
Buckwheat.....	.48
Cabbage, in beds to transplant.....	.48
Carrot, in drills.....	.48
Clover, red.....	.60
Clover, white.....	.60
Clover, Alsike.....	.60
Clover, Lucerne or Alfalfa.....	.60
Corn, in hills.....	.60
Corn, for fodder.....	.60
Cucumber, in hills.....	.60
Grass, Kentucky Blue.....	.14
Grass, Orchard.....	.14
Grass, Red Top (re-cleaned).....	.35
Grass, Timothy.....	.45
Grass, Hungarian.....	.48
Grass, Lawn.....	.25
Melon, Musk, in hills.....	.25
Melon, Water, in hills.....	.25

	Lbs. per bush.
Millet.....	.50
Oats, broadcast.....	.32
Onion, in drills.....	.50
Onion Sets, in drills.....	.50
Parsnip, in drills.....	.50
Peas, broadcast.....	.50
Peas, in drills.....	.50
Potatoes (cut tubers).....	.60
Pumpkin, in hills.....	.60
Radish, in drills.....	.60
Round Peas, in drills.....	.60
Rye, broadcast.....	.56
Sage, in drills.....	.56
Spinach, in drills.....	.56
Squash (bush varieties), in hills.....	.40
Squash (running varieties), in hills.....	.40
Tomato, to transplant.....	.40
Turnip, broadcast.....	.40
Turnip, in drills.....	.40
Vetches, broadcast.....	.40
Wheat, broadcast.....	.60
Wrinkled Peas, in drills.....	.60

QUANTITY OF SEEDS REQUIRED FOR A GIVEN NUMBER OF HILLS OR LENGTH OF DRILLS.

Asparagus.....	1 ounce....	60 feet of drill
Beet.....	1 ".....	50 "
Beans, Dwarf.....	1 quart.....	100 "
Beans, Pole.....	1 ".....	150 hills
Carrot.....	1 ounce....	100 feet of drill
Cucumber.....	1 ".....	50 hills
Corn.....	1 quart.....	200 "
Melon, Water.....	1 ounce....	30 "
Melon, Musk.....	1 ".....	60 "
Onion.....	1 ".....	100 feet of drill
Onion sets.....	1 quart.....	40 "
Parsley.....	1 ounce....	150 "
Pumpkin.....	1 ".....	40 hills
Dandelion.....	1 ".....	100 feet of drill

Parsnip.....	1 ounce....	200 feet of drill
Peas.....	1 quart....	75 "
Radish.....	1 ounce....	100 "
Spinach.....	1 ".....	100 "
Squash, Early.....	1 ".....	50 hills
Squash, Late.....	1 ".....	15 "
Turnip.....	1 ".....	150 feet of drill
Cabbage.....	1 ".....	3000 plants
Cauliflower.....	1 ".....	3000 "
Celery.....	1 ".....	4000 "
Egg Plant.....	1 ".....	1000 "
Lettuce.....	1 ".....	3000 "
Pepper.....	1 ".....	2000 "
Tomato.....	1 ".....	1500 "

NUMBER OF PLANTS RAISED FROM ONE OUNCE OF SEED.

Tomato.....	1,500 plants.
Pepper.....	1,000 plants.
Lettuce.....	3,000 plants.

Celery.....	2,000 plants.
Cauliflower.....	1,500 plants.
Cabbage.....	2,000 plants.

BOOKS on the Farm, Orchard and Garden.

All Books sent Postpaid on receipt of Price.

Apple Culture, Field Notes on. <i>Bailey</i>	\$.75
Asparagus Culture. <i>Barnes and Robinson</i>50
Barn Plans and Outbuildings.....	1.00
Beekeeping Explained, Mysteries of. <i>Quinby</i>	1.00
Bulbs and Tuberous-Rooted Plants. <i>Allen, C. L.</i>	1.50
Cabbage, Cauliflower and allied Vegetables. <i>Allen</i>50
Celery for Profit. <i>Greiner, T.</i>20
Cider Maker's Handbook. <i>Trowbridge</i>	1.00
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Cranberry Culture. <i>White</i>	1.00
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